

SEQUENCE LISTING

SEQUENCE ID NO: 1

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SEQUENCE ID NO: 4

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SEQUENCE ID NO: 5, PCR primer

5'-TGGAAGCCAGAGACAAGCAG-3'

SEQUENCE ID NO: 6, PCR primer

5'-AGAAATGGAAGCCAGAGACAA-3'

SEQUENCE ID NO: 7, PCR primer

5'-CTTTTGACACCTTCTCGATTC-3'

SEQUENCE ID NO: 8, PCR primer

5'-CTCAAACACAGGCCTCCGA-3'

SEQUENCE ID NO: 9, murine Socs2 locus

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 DEFINITION Mus musculus Cish2 gene, complete sequence.
 ACCESSION AF292933
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 SOURCE house mouse.
 ORGANISM Mus musculus
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 Euteleostomi;
 Mus. Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
 REFERENCE 1 (bases 1 to 13908)
 AUTHORS Horvat, S. and Medrano, J.F.
 TITLE A 500-kb YAC and BAC contig encompassing the high-growth
 deletion in mouse chromosome 10 and identification of the murine
 Raidd/Cradd gene in the candidate region
 JOURNAL Genomics 54 (1), 159-164 (1998)
 MEDLINE 99026139
 PUBMED 9806843
 REFERENCE 2 (bases 1 to 13908)
 AUTHORS Horvat, S. and Medrano, J.F.
 TITLE Lack of expression of Socs2 causes the high growth phenotype in
 mice
 JOURNAL Unpublished
 REFERENCE 3 (bases 1 to 13908)
 AUTHORS Wong, M.L. and Medrano, J.F.
 TITLE Direct Submission
 JOURNAL Submitted (01-AUG-2000) Department of Animal Science,
 University of California, Davis, One Shields Avenue, Davis, CA 95616, USA
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8161	tgactttttag	taagtgtact	cattactttg	agtttgtaggt	agcaatcagc	tgaaaagcat
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8401	cctgtgcat	ttcaaaagca	atggttttaga	agcgataaaa	ttcacgactgc	tcttgccgct
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9121	ggggacagtt	ttgttttggt	ttgtttttct	tgctttatat		

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 13201 tgctatgtgg gagtgtggaa tgaattccg gtctctgga agagcagtaa atgtcctgg

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13261 tgtcagagcc atctctcctg tccccatcca caagtcttgg gaccaaggcc taataaatca
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13801 agcaggtgcc tgggagagga gtggagaggc agacaagatg ttcaagtttg tcaccgggct
13861 cagatttgcc ccagatttgt tccagattaa tttggagctc tgggtctg
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SEQUENCE ID NO: 10, exon 2 probe

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4501 AGTGTCTGCG AGAGACTTTG CCACACCATT CTGCCGGAAT TTGGAGAAAA AGAACCAGCC
4561 GCTTCCAGTC CCTCCCCCT CCGCCACCATT TCGGACACC CTGCACACTC TCGTTTGGG
4621 GTACCCGTGT ACTTCCAGG

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SEQUENCE ID NO: 11, exon 3 probe

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6929 CTCGCCATTA ACAAATGTAC CGGTACGATC TGGGGACTGC CTTTACCAAC AAGACTAAAA
6989 GATTACTTGG AAGAATATAA ATTCCAGGTA TAAGTATTTC TCTCTTTTT TCGTTTTTTT
7049 TTAATAAAAA AAAAAACACA TGCCTCATAT AGACTATCTC CGAATGCAGC TAT

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SEQUENCE ID NO: 12, 3' Socs2 probe

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11185 GGAATTCAAG TCTACTTGAA TTAGGTAAAC TGACAGATTT AGGGTCCTTA GGATTAAGTC
11245 TGTGTCTGTT TCTCTTTAGT TCTCTTCAGG ATTTAAAAAC CAAAGCCAGT TCCTAACACC
11305 ACATTTCAAC ACTTTAAAAA AAAAAAATAA AAAAAAACTT GTTTATTATA ACAACCGTAG
11365 GCTCTTACT TGCTAGTTTA TGCTCTATTG GGAAGGAAGA AAGACAGCCC TTCTTTAGCT
11425 TGTTTGTTCG TGAGGGCAAT CCTTGCACCT TCGGTTTGGT CTTCTCATTC TCTTCTGCTG
11485 CCTTCGAAGA TTTTCTCCAG TTTTCCCTCT ATGTGGTTTC AGAGTAAGTC ACCTTACCTC
11545 GCACCTCAGCT TAAGGGACAG CTGTTGTTGG AGTCAGCCTC TAAAGGCCCC GTTTGTCCCA
11605 AATGCCTGAC TAGCGGGTCA GCTGAAGCAG TCATTGTGGT CTTCTACCCC ACCCTACCTC
11665 CAGCTCTGTC CACAAGGGAG GTCTGAGCTG CCAAGTCTGA CGGGGAGCTC ACTTCCATAA
11725 ACATTTACTG AGCCATAAAA ATAAAACTGC TTTTATAGAC AACTCTCACT TTGAACCTCA
11785 TCTCTCACTT GGAGAAGAAG GCGCTGCCC

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SEQUENCE ID NO: 13, HG deletion breakpoint 5' primer

5'-CTGGGCTCATTTTGGAAATG-3'

SEQUENCE ID NO: 14, HG deletion breakpoint 3' primer (I)

5'-TATTTTCTCCCAATAGCTCG-3'

SEQUENCE ID NO: 15, HG deletion breakpoint 3' primer (II)

5'-CTGGCTTCTGAAACTTACC-3'

SEQUENCE ID NO: 16, HG deletion breakpoint 3' primer (III)

5'-GTAGATCTTGGGAGAGGAGA-3'

SEQUENCE ID NO: 17, HG deletion breakpoint 3' primer (IV)

5'-TGGGCTTTCCTTGGGAAAGTT-3'

SEQUENCE ID NO: 18, HG deletion breakpoint 3' primer (V)

5'-AGCTGTCGGCTGAAACGGAG-3'

SEQUENCE ID NO: 19, HG deletion breakpoint 3' primer (VI)

5'-AACGAAGTATCTTTGAGTTAC-3'

SEQUENCE ID NO: 20, Merged Consensus genomic sequences of the high growth deletion in mouse chromosome 10.

The sequence covers a region of approximately 659,000 nucleotide bases of genomic DNA. Six BAC clones from the CITB mouse-BAC library corresponding to the minimal path of the physical map of the HG region (Horvat and Medrano, Genomics 54:159-164, 1998) were sequenced. The 6 BACs are: B520, B308, B546, B11110, B9L14 and B405 and are assembled consecutively in 13 contigs. The contigs have been ordered and separated be sets of 20 Xs that identify gaps in the sequence.

The approximate location of the *hg* deletion is from nucleotide position 63,724 to 533,100. The breakpoint of the deletion in position 63,724 occurred in intron-2 of the mouse *Socs2/Cish2* gene (Accession # AF292933). The deletion of exon 3 of this gene eliminates the expression of this gene in *hg* mice and appears to be the causative reason of the high growth phenotype.

The deletion breakpoint at position 533,100 was determined because after this position is the sequence of the *Vespr* (viral encoded semaphorin receptor) gene (mRNA seq. Accession # AF190578), which is fully expressed in *hg*.

The deletion encompasses the full-length sequence of the RAIDD/CRADD gene (Accession # AJ224738) (from nt 146,837 to 298,188).

DEFINITION test, 659158 bases

ORIGIN

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1 CTTGATGGAG TCGGTTGGGG TTTT'TGTTT TTTTGT'TGT TTGTTT'TCTG
51 GAAAGTTGAT AAAC'TTAATG AGGACATGGC TTGCAGCGTG GCAGGCACAA
101 CACCTGATGC TAAGGTCCTG ACTAATTCAT TGCTCAGAGG TATTTATTCC
151 AGTAACAGGA GCCAATTCCA CGTGCGCAGT TGT'TTACAGC ACTGTGCTAT
201 CACAGAGGCG CATGCGCAGT TTGGAGGGAA GTGTCCGGTT GCTGTT'TCCT
251 TGCTGTGTAT TGGCTGGGGT AAGCACCATG GCTTTCAGGT CTGT'TAAGAG
301 TGACCCAAAG GCATGAGCAT TGGAGACAGC AGTGCCCGAG CTGTGT'CAAT
351 GTTGAACCA GACTACAACG CAGGAGAAAG GACTCTGAAG TCGACATTCG
401 CTCTAGCTGT CAAAGATGATA AAAAAATAAG ACAATAGATG TTGGTAAACT
451 GTCAGCTGAA GAAAGTAGAA TGGCCACCC T AAGGAGAGAA TGGAAATGGCC
501 GTGAGCATGG TCCTCAGGCA AAGGAAGTGG AACAGTTGAC CAAAAACCAA
551 GAAGAGGTAG AAGGGAAATC TCAGCAGGAG AAGGAGAGGG AATGGAAAGG
601 AGAAATAGAC AAAATCGTGG ATTTTATAAC TCCCGAGAGG CACCAATTCT
651 GTTAGAAGCC TCCTTGGCCT T'CTACTCCGG AAAGGTTTTC TTGTTT'TTTC
701 TTTT'TTAAGT TGCCCATCAG GGAATTAGGC CATTAATACT GAATCGGATC
751 CTTGTCTGTC CAGTTGGGGT CTTTATTGTA ATGATGGACA TC'TT'TATAAA
801 CATCTTAATC TTAATACATA ACTT'TTGGGA ATAAAACTTA GACTGACAAA
851 AACAGAATAG TGAACAAAAG AGAAGAAGGT TAGCAATAAT TGACAGTAAT
901 GTGAACCTCT TGCCCAATGG GAGCACTTAG GTTCTCTCTC TTTT'TTTTTC
951 TGCATCAAG AAAGTAAGTC TGATACAAGC TTGTCAGATA TACCAACTTT
1001 GCTCCTAACT TTAACAACACT ATTAGTCTTT TTCAAAATTTA TACCGAACAA
1051 AGCTATTTAT TTGACGGACA AGTTGTATAT TGACTTATCT GAACAAGTCA
1101 TTTCTATTGA AAAAAATTAT ATTGACTTAT AATAAAAGTT TTACAAGATC
1151 AAGATAAGTT ATGAGCATGA AAGAACAAGG CTTGTAAGTA AAATTAAATA
1201 ATTA AAAAGT GTT'TCTGTGA GTCCAGAGTT GACCAATGTG GAAC'TCAGA
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1251	AGGCCAAACG	CAGTCCTGTG	TGAGTACTTT	AGCAAATTAG	ACTTTAATGT
1301	ATTGAAAATA	TAGATTAATG	TAGTTCCTGA	ATTATGTCTT	TTTTTGTPTG
1351	TTTGTPTGTT	TTTTTTTTTT	TTTTTCGAGA	CAGGGTTTCT	CTGTGTAGCC
1401	CTGGCTATCC	TGGAACCTAC	TCTGTAGACC	AGGTTGGCCT	TGAACCTAGA
1451	AATCCGCTATC	CCTCTGTCTC	CTGTGTGCTG	GGATTAAGG	CGTGGCCAC
1501	CACGCCCGG	TCCGAATTAT	GTCTTTCATG	TGTTGCTGAT	TTTGAGTTT
1551	CTAAACAAAT	AGTAACCCAT	CACAGTCTTA	CTTCCTCTGT	ATCTTCCCTAT
1601	CTCTTCCATG	GCTGAGACAA	AACTATTACC	TTCCTCACTA	CCCTTCTATG
1651	AAAAACCAC	TACAGGTTTT	AGTGGCCATT	TACAATTACA	TGTGAGGGAT
1701	GCTACTTTAA	AAGCAGCCCT	AGGAAAGACC	GGAGAGGCTG	TGTTGCCCTTA
1751	ACCTGCGGAA	CACATTCTCG	ACGAAACCGC	CAGAGGGCAG	TGTGACACAG
1801	CATTGAGCCT	GAACCGCTTA	CCTGTGTGTT	GTGACTTTGA	AATGCCAGAA
1851	TGGCAGAGAA	TTTGAACATT	GCTACTTGAG	AAAGGGTGGT	TTGATAATGT
1901	CATTGCGGGA	AGTCGTCTTA	CTCGTCTATC	ATTAAAGTAT	TATACAACAG
1951	CTGGTTGTGA	GAAGATCTGC	TTTCTAGCTG	GCCAACTCAA	ACATCCTTAA
2001	GATCAGTGCT	ACTTGCTAAA	TATCGGCCGT	GCTACTTATA	TTTTTCTAAT
2051	GACATTCCCA	ACTGTGGATG	TTTTTCACTA	TCATTTTTTT	TAATTAAGTT
2101	TAGGTAGAAA	ACCTTGACTT	ACTCAAAGAT	AACATTGTAT	ACTGTTTTTG
2151	TACTTTTCAA	TATAAAAATA	AATCTTTTAT	GTATATTTAA	AGACATCAGA
2201	TTTCTTTTGT	TTAGAAAATA	TGTTTTTTTT	TAAAGATTTT	TCTTTTAAITG
2251	TGTCTGTGCT	CTTTCGTTCG	AGGTGTGTCT	TAGTAACATG	TGGTGTCTGT
2301	GTGCCCTTGT	ATCTCCTGGG	ACTGTAGTTA	CAGACAGCTG	GGAACTGACT
2351	GACATGTGGT	GCTGGGAATT	GAACCTCAGT	CCCCTGGGAG	ACGAGCCAGT
2401	GCTCTTGACT	ACTGAGCCAT	CTCTCCAGCC	CTTGACTTTT	CTTTTTTGT
2451	TTAATTTTAA	ATGGTGTGTG	TTGTTTGTCT	CTCGTCTCTC	CACATGTGTC
2501	TGCTCTGTGA	TATGTTGTCT	GTCTCGTCTG	CTCTCCGTGT	TATGTTGTGT
2551	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	TCTGTTGGGG	ACTGATCTCA
2601	GGGCTTTCTT	TATACATGTC	AGGCAAGCAC	TGTGCCCTCT	AATTGCCCTC
2651	TCACAAGGGC	TAAAGGTTTT	GTGACTCCTT	CTTTTGGTCC	CACAACTCC
2701	TGCTTCTCTA	AGAAGCTAAC	AACTCTAGTC	CCAGTCAGCA	GGAGTAAAGT
2751	AACCCATTTA	TTAAGACTCT	TGATTTCCAG	GGCCAAGAAG	CCCATCTATC
2801	CACAGTAGAG	TCCAGCAATG	GGAGTCTGTT	GGAGGAGGAT	CACAGGACTG
2851	TAGGAAAGTG	AAGCTGACC	ATGGGGAGAC	GTCAGCTGAG	GACTTGGTTC
2901	CTGCCAGTAG	GCTTGCTTTT	CATCTTTTGT	GGTGTGTGTT	GTGTGTAACA
2951	TTTATTTCAAT	GTATGAAGAG	GGTGTTCAT	TCTCTCTTTT	TACCACATGG
3001	GATCTGGATA	TTGAACCTGG	CCGGCTTGAC	GGCAATCTCT	TATACCTCTC
3051	GAAGTGTTTG	GTAGTTCCCC	GACTCCTGGT	CTGTGTGTGT	ATGTGTGTGT
3101	GTGTGTTTAT	GCAATACCCTG	GTGTGTTGTG	AAAGACAGAA	GACAAACTTG
3151	GGGAGTTAAG	TTTTCAAGGCC	TGAACCTCAG	TCATCAGGCT	TATACAGCAA
3201	GCACTTTTAC	CCATCAACCA	GTGACGTGTC	CCATTGTTAA	GCTGCTTGCC
3251	TCTCTCTCTC	CCCCCTCCCC	CTTCTCTCTC	GTTTTCTTGT	TGTTGTCTGT
3301	GTCACTCGTC	TCGTGTGTTT	TGAGATGAGG	TCTCATAGCT	CTAGCAGGCC
3351	TAGAACTTAC	TGTGTAGGCC	AGGCTGGCCT	CTGTGTTCCG	AGTGCTGAGT
3401	TTGAAGGCAT	GTGCCACCAT	GCAGGGCGGT	TAGGCATCTT	CTAGTGTGTT
3451	CATTTGATGA	ATGTCGTGCT	CTCCTACTAA	GCTGTAACCT	CTACAACCTG
3501	GATTGATGAC	CTTATTAAGT	TATGTGTCTT	GCATGGCTCC	TAGTGTGCGC
3551	ACTGCTGGC	CTTTTTACCA	TCCCCACATA	GTTTTGTAATA	AGCAAACTGC
3601	CTTGGCATGA	AGGATTTTAA	GTAAAGAGTC	CCTGTGGGAC	TACAGATAGA
3651	AATGTAGCCA	CAGAACTCCT	GAGACTGAAG	GATTTTGTGA	CAGTTTATTT
3701	GTGTGTTTTC	TGGAACATAG	AAACTGCAGT	TTTAAAGCTG	CTTATTAGAG
3751	TATTTTATAT	CTCTCCTCAA	CTTTACCTGC	CTCAGCCTAG	TACCTTAGTA
3801	ACATTTAAAG	TGAAAAATA	TTCAAATACA	AGACAGCTTC	CATATGTTCT
3851	AGGAGACATC	TTTATCTTTA	ATTCCAAC	CTGTTTATTT	TGTGTGTGTG
3901	TTTGTGTGTG	TATGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGTACATA
3951	GTTCCTCATG	AAGTCAGAAG	TGAGCACCAG	ATTCCCTGGA	GCTGCAGTGC
4001	CAGAAAGCAA	GCCATGCAGG	AGTTGAACCT	GGGTTCTATG	GAAAGCAGC
4051	AGGTGCTCTT	ACTGAGCAAT	CTCTCCAACC	CTAATTATAT	ATACCTTTTAA
4101	GAAGAGAGCT	GGGCAGTGT	GACACAGGCC	TTTAGTTCCA	GCATTTGGGA
4151	GGGAGAGGCA	GGTGATCTC	TTGAGTTCAA	GGCCAGCCTG	GTCATAGAG
4201	CAAGCCCCAG	GAAACAGAGA	AACATTGTCT	CAAAAAACA	CAACCAACCA
4251	AGAACAGCCA	GCTTGCCAGC	AGTTATTGCT	TATGTTCTTC	ATGAAAGCCA
4301	TTCTGACTTG	GACCACATGA	AATCACAATG	TAGGAATATT	TGTTTGTTTT

4351	TGAGACAGGA	TCTCTCATAG	TGTCTGTCGG	TCTCCACCCC	CAAGTGCTGG
4401	GATGAAGGTG	GGGGACCTTG	GTCTGGCCCG	TCTTCCCCAC	CGAGCCGCTGG
4451	GGGTGGAGCA	TGAATATACA	CATTGGGATG	CTTCAGTGTA	CTTTTGTGATT
4501	TGCATTTTCT	TGATGGTTAA	GAATGCCAAA	CATTTTTTCA	TGTGTTTATT
4551	GGCCCCCTTT	TAAAAATTTG	ATCAGTATCT	CTTTTGTGTA	TCTGCTTACC
4601	AGTTGGTTGG	ATTACTCATT	CTTTTACTGT	TCTTTATATA	TCTAGATPAT
4651	TAGCTCCTTA	TCAGATGAAT	ACGATTCTCT	TTTTCTTATT	TTGTAGACTG
4701	TGGCTTTTTT	TATTGATCGT	TTTCTTTTGC	TGCGTGGAGG	CATTTTAATC
4751	TAGTGCCGTT	TATCAGTTCT	TCATCTTATT	TCCTCTGCTA	TTGGGGTCTC
4801	ATTGAGAGGG	CCGGGCCGGT	GAAAATTGCTC	AGCGGGTTAA	GGCATTTCAG
4851	GCTCAAACCT	GGCAAAACCA	CTGTGCTTCC	CAGAACCCAC	ATAGAGGTGG
4901	AAGGAGAGAA	TCTATTCCAC	GGAGAGAGCT	ATTGTCGTGC	CTGCTGTCTG
4951	CATGACCCCT	TTTTCCCTCT	AGTGATATAA	ACTCTTATAA	TACAAGTCTC
5001	TGTTCTTTCAG	TCCATTACTA	GGCGGTCTTA	TTATAAAGTG	TTTACTTCTCT
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5101	TCCCTAAAAAT	CACAAAATAA	ATGGACTCCA	TTTCACAGGC	CATGAGCTCTT
5151	TAGATACTCA	AAAGCATTTG	TCAGATCTCA	TTATTATTCA	CCCCCCCCCT
5201	ATTATCCGTA	TGGCATGTTT	TCCAACCTC	CCCAATTTTG	GTGGCCCTCT
5251	CCCCTTTGAG	CTATACATTC	ATTCATCTCT	TTAATAGCAT	CTCTCTGAGA
5301	ATGTGTTTACC	CAGAACCTGAG	CGCAGTTTTC	TTGCTCAGGA	TGCTTTTCAAT
5351	GTGCTAATGG	TGCCAGTAAC	ACATTAAAGT	TTTTAGTTT	TTTTGTTTTT
5401	TGTTTTTTTT	AAGTAGTCGT	GCCATCCAGC	AGGTCTCTAC	TGAGTCATAA
5451	TACCCCTAAGA	GGGGGTCAGA	ATACCAAAAG	AGGCTCTAA	TTTGGATGAT
5501	TTTTTTAATGC	AAATATACTT	TCTGCTCTTC	TTGATTCTCT	GCTGGGAAGA
5551	GAGAACATTT	ATTTGCATTG	CTAACCCGAC	TGGTTTTTAT	TTTTTCCCGTG
5601	TAATGTTTAG	ACACAGCTGT	CGATACCCAC	CAAGGAAGAA	TTTTAGCAGG
5651	GGATGACGCA	TTTAGAAACC	TCATTCTTGC	TAAAGGGTGC	ATAGGGGAAGG
5701	ACAGATTGGA	ATAGGAACAA	TATGGAATGT	CAGAGACAGC	ATTACGTGAC
5751	GTAGTGATGA	GGATGACAGC	TGACAATGGT	TGGGGTTAGG	AAAACAGCAG
5801	AAAGGATAGG	AGGAGAGGCT	GGATTTCAGA	GAGACAGACA	TAGTCATGTG
5851	AGCAGGACTT	GACCACTAAT	CCGTACAGGA	ATGAACATGA	GTGATGACGG
5901	ATGAGACGGG	GTGAGGCATA	CACTCACACA	CACAGTTACA	CACTCACACA
5951	CTCATGTACA	CTCACATACT	CACAATCACA	TACACCCACA	CTCACACTAT
6001	CATATACATA	TACACTCATA	CACACACTCA	GTTACACACT	CACACTCAGT
6051	TACACCCACT	CACATACAAT	ACAATCACAT	ACACTCACAC	AGTTACACAC
6101	TCACACACAC	ACATACAATC	ACATATACTC	ACACTCTTAC	ACACTCATAT
6151	ATACTCACAC	ACATCCATAC	AATCACATAC	ACTCACACAA	GTTACACACT
6201	CATACACATA	TTTACAATCA	CATACACTCA	CACACACAGT	TACACACTCA
6251	TACATACTCA	CACAAGTTAT	ACAATCACAT	ACATACAATC	ACATACAATC
6301	ATATACACTC	ACGCACAGTT	ATACACTCAT	ACAATCACAT	AACCTACAGT
6351	CACATACATA	CTCACATACC	CCCATGCGCA	CACACACACA	CACACACACA
6401	CACACACACA	CACACACACA	CCACAGCTCT	TGACATCCAG	ATTGACCCAGC
6451	TTTGGCAGTG	AGGCCTGTGT	TTTCTGTGTT	GGTATATGAT	CTTACAGCAT
6501	CTGGGCAATG	TCCTTGGGGC	CTGTATGAAA	TGAGACACCC	AATGTTCACT
6551	TCACGATTCA	CCTATGCATAG	TTAAGAAATAG	AATTTATGTC	TCAACCCACA
6601	GATGACTAAC	ATCCCTCTCT	CAGGAAAAAC	GATCACTGGC	CACAGCTTTA
6651	CCCCTGCTTT	GGTTTGCCCT	CCTTGAGAGAA	CCAAGGTTTC	TTAGGATTCT
6701	CAGTCATGAA	ATACCCCTGC	TCTCTGACTA	TATTCAGTCT	AGAGCTATGC
6751	CTGCTTCTCT	AAATGCTGTA	CACTGTACCA	GCCTAATCCC	AAATGCTGTA
6801	ACAGATTTCC	TCATATCTCT	CTGAGATACC	TCAGGTTTGC	CCATGCTGAC
6851	TGTTCTTTTT	CATTGTGTTG	AGTGATAAAC	TCATCTTATT	TAGCTCCACA
6901	TGTTGTTCTTG	GTAGTCAGTG	GTGGAAGAAT	ATGGACATAA	GGATTATTCT
6951	CTGCTTAGTGA	GAGGCTGTGA	TAGAATTATC	ATCTAGGAAT	AACAGAAATA
7001	AAGGGTAGCT	CATCATCAAT	GTAGAGCTAT	TGCTTTTCTC	AAATTAAGGTT
7051	AATTTGTTTA	CATTGATATG	GATTATTGTA	TATTGATACA	GTTTAAAGGT
7101	TGTCAATGGT	ATAAATCTTT	GTATGTTGAT	ACAAGCCCCC	GATTAAATGT
7151	CTCCTTTTAT	AAGGTGCCTA	AGTCATGATG	TTTCTTCAGA	GCAATCGAGC
7201	AGTAACCTGAG	ACATTATGTT	AGTAACCCAG	TAGGGCAAAAT	TGTCCTTACT
7251	GGGGGTCTTG	GTGAAAACAA	TTTTAGCCAG	CGTTTAGCTA	TGTTGAGAAG
7301	ATGGCTTAGTG	GGCATCGCAG	CCCATCGTGA	ATTTTGGGTT	TAAATCGAGA
7351	AGCATGTCAG	GGGCCAGTCT	TCGTCAGACT	GGACTCTAGC	CTCAGTTCTG
7401	CTTCTGCAAA	GGTGGCCTGA	GTGGGTCTCT	ATCGGTCCGA	GGATGATATC

7451	ATCGCAGTGT	GATCTTTCTG	TGAGACGTTG	CTATTCTTGG	GATGGAAGGT
7501	GGGAGAAGGG	GTAGGGGAAC	TTTCAATTAC	CTTGTACAGG	TGGGAGTCTAG
7551	GGCAGTCCAA	GGCTGATAGG	GAGATGCCCA	GTCACTTAATG	CCCTCGTCTAG
7601	AGCAGGAGGC	AATCATAGTC	AGTTGTGGGT	AATCTGTATCC	ATCCCCAATC
7651	TCCATATTTT	TCAGCTCATT	TGTTTCTTTT	CTTTTAAAAA	TCTGGAGATA
7701	AGATGTAGCT	GTCCCTTGCT	ACTTTGTGAC	TTCTTTCTCC	CAGCTTTTTC
7751	TAGCCTTCTC	CACACTTCCA	ACCCCTTAAC	ACTAGAAAAG	AAAGGACAGG
7801	AGGAAATGGG	ACATGTGCTT	AGACTTCCCT	TGGGACAGTT	TGATCTTTGT
7851	CAGTGTGGG	AATCTTAATT	TCTTCTTCT	TCPTTGTATG	TACTCCATATA
7901	ACAAGCCACA	ACCAACACCA	AAAATTCAAA	AAACCAACAA	CCCACCTTGC
7951	CTCTCAGGGC	TCTAGCATT	ATGTACCCCT	GAAAAGTCCC	CAGGATTCCA
8001	ACACATACAC	ACTTGCAGAA	ACTATCTGCC	TCTGATAAAA	TCATGCCCTT
8051	GCTAGAACAC	GAGGCAACTC	ATAGTCAGTT	GTGTGTGGTA	ATCTGCACACA
8101	TCTCCATTTT	CACATAACTA	GGATTAAAAA	AATTTTTC	TTATAATATT
8151	TCTGTTTTTT	TTTTTAAAGA	AAACAAAATT	CCAAAATTGT	TACTACATAG
8201	GGTTTCTCTG	TGTAGTCTG	GCTGTCTTAG	AGCTAGCTCT	ATGAAGCAGC
8251	TGTCTTTGAA	CTAAAAGAGA	TCCACCTGCC	TCTGTCTCCA	TAGTGTCTGG
8301	ATTAAAGACA	TGCTCCACCA	CTGCCGACTC	TGTGTGTGTG	TGTGTGTGTG
8351	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGTGATTGAG	TTTAAAGATG
8401	AAGGCTGATT	CAAAATGAAT	GTCAAGGCC	AGATGCCAGG	CTAACCTCT
8451	GCTCTTAGTT	AGTTTGTGGG	CCAGGGGAAG	AAGTAGTACT	TTCTAGCAAA
8501	CACAGTCTCT	AAGTAACAGC	TTCCATGCCA	ATACACTCAC	CAATAGAGGT
8551	TGAGGGGTTT	CAAAATGCAA	GGGAAGCTGG	GAAGAGCCAA	GATTGCTGAA
8601	GAAGAAATAG	AAAAGAAAC	GAGAAGGCTG	AAATCAGAGC	CTCAAGAAAG
8651	AGCCCATATA	TTTACAAGAC	AGGGAAGATG	TCCTAGCAGG	AGGTGTCTGA
8701	GGACTCAGAA	TAAAGGTGAT	GGCCAGAAGT	TGAAGGACTG	AGCTTCTAGA
8751	CGGGAGTGGG	GTGGGAGGGG	GGGGGATAT	AGGCTGGATG	GTTTGAGACC
8801	CAAGTGGAA	TCAGGCAAGA	CGAGGCTCCC	CTGCAGCTGT	CTGGCATGTC
8851	ATCACTTTTG	CGCATCTTTT	CATCTCTGCT	CACGATAAGC	TGTGGAGATC
8901	AGCTGCCAGC	CCTAGCTCTG	GAATCTGCCT	TTTTTGTAA	GAGTCTCTGT
8951	TCPTTTTCAG	GGAAAACAGC	TCTTAGAAAA	GAGGATCAGC	TTCCCTATTT
9001	TCPTTTTAAAG	AAGAAATCTTC	CCTGTTTTTT	TTTTTTTTTT	TTTTTTTTTT
9051	TTGTTTTGTT	TTGTTTTTTT	TAAGCTGTGA	TTATAGCTGG	GTGTAATGCA
9101	GCACTGTTAT	GATCCCCAGC	TCTTGGGAGG	CAGAGGCTG	CAGATCTCTG
9151	TGAGTTCCTG	GTCTACATAG	TGGTCTGCAT	AGTGAAGTCC	AGGACAGCCA
9201	GACCTGTCTT	TTTTTTTTTT	TTTTTTTTTT	AAAGCACTGT	GGTTTATCCA
9251	ATCAGAAAGG	TAAGGAAGGG	GAGAACGAAA	ATGTATGAAA	ATGTAAGTAA
9301	CCTAGATAAA	AGTGAGCAAG	TAAGCAAGGG	CTGGGTATAG	GGCTCAGTGA
9351	GTGGAGGGCT	TGCCCTCAAAA	GCCTGGAGGC	CTGAGTTTGA	TGCTGAACAT
9401	CACATAAGCC	AAATATGGTG	ATCTGGGAAG	AAGAAGGATC	AGCAGTTCAA
9451	GGCCATTCTT	AGCTACATAG	CAAGATCAAA	GCCAGGCCAG	TTGTTTGGTC
9501	CTGTTATCGT	TGTTGTTGTC	ATCTGCTGTC	TCTTCTCTCT	CTTCTCTCTC
9551	TTCTTCTTCT	TCTTCTTCTT	CTCCCTCTTC	TTCTCTCCCT	TCTTCTCCCT
9601	CTTCTTCTCC	CTCTTCTTCT	CCCTCTTCTT	CTCCCTCTTC	TTCTCCCTCT
9651	TCTTCTCCCT	CTCCCTCTCC	TCCTTCTCCC	CCTCCTCCCC	CTCCCCCTCT
9701	CCAGGTAATA	CAGAGATCAG	ACTAAGAGGT	GAAAGCTCAGT	TTTGAAGTAC
9751	TCTCTGAGTC	TCAGAGGACC	AAAGGGAACC	CCCGAGGCTC	CAGGGGACAG
9801	GAGAGCTTGT	TTTTTAAAGA	ATATAGGCCAC	CTGGGAAACA	TTTGGGCATC
9851	TGCCGTGTGCT	AAGGATTTAC	CCTGGCCTCT	GAGCTCTCCT	AATGCAATAA
9901	CTTTATTAAT	AAAAACATCT	GTGCTGACTT	TGATATTTGAT	ACATCAATGT
9951	CGAGTAGCAA	ACTTGAGGTT	TGATGTGAAC	ATCTCTAATT	CTAAGGACCC
10001	AGTTTTTCAA	CCTTCATTCT	TTTAGGAAAG	GCCCACTTCC	CCTGCATCCA
10051	TGCTTAGAGG	ATCTCTACCT	CCTAGCATGG	TTGTTTAGGC	TGAAGTTGCC
10101	ACGGCATACA	GCGCATCCGA	GCAAAGTCCA	GTGCTTTTTT	TTTCCCCATT
10151	AGTTTGTTTA	CTTATTCACT	TTACATCTTA	ATCACAGCCC	CCCCACTCCT
10201	AGCCCCCAT	AGCTTCTTCC	ACTAACCCCC	TCCCCTTATC	CTCTGAGAAT
10251	TAGGGAGACT	CCCCTGGGTG	CCAACCGACC	CACGGTCTAA	TGTCCTAATG
10301	CTGAGCGTGT	AACCTGGGCA	ATGAGAGCCC	TTCTTCAGGT	TTTTGAAAAG
10351	ACAGCTGGGC	CACCTGGGCTT	CTTTTCTCTC	TGAGACAGAC	GGGGGAGATA
10401	GCTCAGCAGA	TTTACTCGCG	GTACAAGTCC	TCAGAAAGAA	GCAGGTGTAA
10451	CAGAGCAGA	TGAAAAGAGA	TTTTTGGGGT	AGGGAGAGGG	CTCAGTGGCT
10501	GAAGTGCTTG	TCACACAAGG	ATGAGGACCT	GAAGTCAAGT	CCCCAGAACC

10551	AATGTAAAC	TGGACTCAGA	GCCGGGCGTG	GTGGCGCACG	CCTTTAATCC
10601	CAGCACTCGG	GAGGCAGAGG	CAGGTGGATC	TCTGAGTTCG	AGGCCAGCCT
10651	GGTTTACAAA	GTGAGCTCCA	GGGCAGTCAG	GGCTATACAG	AGAAACCTTG
10701	TCTCGAAAAA	AAAAAATAAA	AAACAAACAA	ACAAAACAAA	AAACTGGACT
10751	CAGTAATCTA	GTCATCTCTA	GCGCTAGCGC	TCCTTCAGCC	AGATAGGAGG
10801	TGTGGCCACG	AGAAACCCCTG	AAGTCCCCGA	CTGCTATGCG	AGCAGCAGAA
10851	AAAGTCAACA	AAGGACCCCTG	GTCTCTAAGA	TGTGGAAGGT	GAGAACCAAC
10901	ACCCGAGGCT	GTCTCTGAC	CCGCACACAC	TGCACGCTGC	TGCATGCACA
10951	CGTGCGCAGC	TGTGTGCGCA	GGCGCTCTCT	CTCTCTCTCT	CTCTCTCTCT
11001	CACACACACA	CACACACACA	CACACACACA	CACACACACA	CACCTACGCA
11051	CGCACCCACG	CACCTCATGCA	CTCATGCACG	CTCGCATCTG	AGTGCGAACA
11101	CACACGCACG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG	AGAGAGAGAG
11151	AGAAGGGTGG	GGTGAGAGAG	AGAGAGAGGT	GGGGTGAGAG	AAGATTCCAG
11201	ATGGCTTCTT	TTTCTTTTCT	TGCTCTGTAGG	TACCAAGATC	TCCCACCCGG
11251	CACCTCCCTT	TGCCCTAAGCT	GGTTTGACTC	GGGTTTCTGT	TACATTTTTT
11301	CTTTGGCAAG	AGAAAACTCT	ACTCTTGCGG	TGGCTCTCTT	TAAAGCTGGC
11351	TTTAAATTAC	ACGGTCAAAA	GCCTAATTTG	TTTTTATTTG	TAAAAGTTAA
11401	CTTAATTTTC	GTAAGTGTC	CCAACATCTC	ATTCAAAATG	GCATAGAACA
11451	AAGTGACCAC	AAATGACTTG	CCTTTTCGCT	AGTAAAAAGCA	GCAGATGTTT
11501	AAAATGACTC	GTGCTTTATA	TGTAATACTG	GGCTACATCT	ATCCAAGGCA
11551	GGCCCTCAAT	ATCCTTTATT	TTTTATTATT	TTACTATTGT	TTATATAGAC
11601	AACTCTAGTC	TAAAGCAGTG	GCTGTGGCCC	CTTAATATAG	TCTTTCATGT
11651	TGCAGTGACC	CCCCCAACCA	TAAAGTTATT	TTTGTGTGTA	CTTCATAATT
11701	ACAGTTTFTG	TATGTGTTAT	AATCATAAAT	TAAATATCTG	ATATGCAGGG
11751	TATCTGGTAT	GTGGAACCCC	TGTGAACCCAC	TCAATTGACA	CCTGCCCCCA
11801	AGGGGCTCAG	AACTAAAGGG	CTGAAAAACCA	CTTGCTTTAAA	TAGCGGTTTG
11851	ATTCCCTATC	TCCCTACCCC	TCCGTTTCAG	TTCACGGGAT	TGGAACACCT
11901	TCTTCTGTAA	ACAAGAAAGG	CATCTCTGGT	AAGAGAAAGA	ATGTGTTTCA
11951	CCCTTTTCCAT	TTTTTTTTCT	CTGTTTGTCC	TATATAAAGT	TCCAAGCGCC
12001	TCTTCAAGTT	CACGCTTTGT	CTAAGCAGCA	CTGATCTCCA	CAGGCTCGCC
12051	TGTCCTTGTT	GATTTTCCCT	ACGCCAAACT	CTTTGGGCTG	AAAGGAAACC
12101	TGATCTTTGT	GTTTACCAG	ATACACCCTG	TTTTCAAGGA	CAGCTGTCCG
12151	AGATGACTAA	TAGTCTGGGT	TCTTAGAAGA	GAACCCGAGC	TCTGCTGCAC
12201	TGTTTATGAC	AACAGCGTAG	TTTTTCTTAG	CTTACTCCCT	CTTAGAGAAC
12251	AAACTTCTGT	CTTCTCTCTG	GGGAAATCTC	CTTCCCTAAC	GAGAAGTTTC
12301	CTAGGTCCCT	GCAATACTCT	AAACTCTTAC	ATCAGGAGCA	GGAGTCATGG
12351	CCTGGTCTCA	AGGACCTCCA	CACGTGTGTC	TCTGCAGGGA	CCACATGACT
12401	TAAACTAATG	CAATGGCAAC	AGGCAAGTTT	ACTATTCTCT	TCTGCTGTGA
12451	ACTTGAGGAT	TTGTTAGGGC	TGGCATTTAT	GCAGCCATTT	ATGGCCACAA
12501	GGGACAAAT	GACCTTCACA	AGAACAGAGA	AACCAAGTCC	TGAATATTGT
12551	GCTAGAATAT	TATTATTATT	TAAAGAATGA	TTTATTTCAT	TTATATTAGT
12601	ACACTGTAGC	TGTCTTCTTA	TGGGGCATCA	GATCCCATTA	CAGATGGTTG
12651	TGAGCCACCA	TGTGGTTGCT	GGGAATTGAA	CCGAGGACCT	GTAGAAGAGC
12701	AAGCAGTAAG	TGTTCTTACC	TCTGAGCCAT	CACCTCCAGC	CTAGAATATT
12751	ATTATTATTA	TCATTATTAT	TTTGAATATC	ATTTAATATG	ATCTTTGTGT
12801	TACAAACCAA	AGATCCTTAG	CTGATGTCAA	AAGACCATGT	GGCAATCAGT
12851	TGCATAAGAG	GAAAATTTGA	TATATTGTGG	TTTCTTTTCT	GAAAGAACAA
12901	GCTCTTAGAG	GCAAAATAAA	ACTTGAAATC	TTTTTGACAT	GCCAACGAGG
12951	AGTGATGTGC	TGCCCCAAGGT	GTCCATCTAT	AAAAGAGAGT	AAATGTGTAAG
13001	AAACAAGGCT	GGAGCTTCCC	CCCTCCCCCC	TATGTGTGCG	AAGGTGTCCA
13051	TCTATAAAG	AGAGTAATGT	GTAAGAAACA	CGGCTGGAGC	CTTCCCCCTC
13101	CTCCCTAAAA	ATCCAATAAG	TTGTTGGGAT	GGCAACAATC	TGAGAGATTT
13151	AACCCAGTCG	GCTACTACGA	TCTCTATGGC	AACAATCCCT	TACAATGAGA
13201	CAGCTGTCCG	GATTAGTGAC	TCTGAGACAC	CAGGAAATC	CTCTGAAAAG
13251	CTGTAATAGG	CCTTTCCAGA	GGAGCAGAAC	CGATAGCATC	TATATCCAAC
13301	TGTAACGGGA	TTTCATTAGG	TGCTGACATG	ACCAAGAGGC	TCAACGGTCC
13351	CACCATGGCC	AGCCTTTGAA	TGAATGAAAC	AACTAAATGA	ACACCTCTGT
13401	AACGAGCCCT	AAAAGCCTCC	AGATGACTGG	TTCTCAACCT	TGTGGTCTCG
13451	ACCCCTTTGG	AGGGTCACGC	ACTAGATGTC	CTGCATATCA	GATGCATTTA
13501	CATTACGATT	CACAGCAGTA	GCAAGATTAC	GGTTGTGAAG	TAGGAATATG
13551	AGTAATTTTA	TAGTTGGGGG	GGTCACTACA	CGATGAGGGG	CTGTACTGAA
13601	GGGGTACCAC	ATTAGGAAGG	TTGAGAACCA	CTGCTCTAGA	CCCTTACTGG

13651	CGAGGTCTGT	GTTCAAAGGC	TGAGGACGCT	GGAGTCGCCT	GTCCAAGTGG
13701	CCACGCAAAA	CCACAGCTGG	GGAGATGTTT	AATCAGTAA	GCTCTTGACA
13751	TGGAAGAATA	AGGGGAGTTT	GAACCCATAT	CAAAAAGGCC	AGGTACGGTG
13801	TTGGGCTTTT	GTAATCCCAG	CAATAAGAAG	GAGAGATATG	CGAGATCTCT
13851	GGTGCCTACT	GAACAGACA	GTCTGGGCAT	AGATTTTGGA	AGTCTTAGGT
13901	AGTCATGACT	GACCCGTGCT	CAAACAAATA	AGCAAGTTG	ACACCTACTG
13951	AGGAGGAACA	CACACACTCA	CACATAGACA	TACAAGCACA	CGTGTGTAGG
14001	ATGCATGAAA	GCCATGTGCT	CACAGATAAG	CACATAGCAG	ACCAGGAATG
14051	TTAAACGAGT	AGGATTATCT	CTTCAAAGGA	GAGAATATAT	AAGCTGTPTT
14101	CTGCCTAGAA	GGCTGGGAGG	GATGTGGTTA	ATAACCCGAT	GACCTTCATT
14151	ATCTGTGTGG	GGCTGAGACC	ACACGAGATC	CTTCCCACCA	CCCTATCATG
14201	AACTTGTTTT	TCTTAGTCAA	TCATAAAAC	CCATCTTTAT	AGAAGATGTC
14251	ACATGTAGTC	AATCTATAGA	ACCCATCTTC	ACAGAAGATG	CCATGTGTGA
14301	TTACACAGCT	TCCAAGGTAG	TCATGCCTTA	AGTCTTATTG	TTCACATCGG
14351	ACTGAGTTAA	TGGTCACCAA	GAAATTTTTT	TCAGTGAAGT	GTGCTATGCT
14401	TAAATACCCG	TGAAAATAAC	TACTCAAGGT	CAGACTCTCA	AAGTTTGAAC
14451	TAACATGAGC	TACTGAGTCG	TGTTGAACCT	GAGTCTCTTC	TGCGCTCTCG
14501	AGATCAACAC	TCCTCTGGCC	TTTGTGTTTG	CACAGGACCA	CCCCGTGTAC
14551	ACATATATGT	GCACCTGCAC	GCGCGCGCGC	GCGCGCGCGC	ACACACACAC
14601	ACACACACAC	ACACACACAC	ACACTTCATA	GCTTCAAGCA	GGGTGCACCT
14651	TGCAAGGGAG	GATATCTCCC	TCCACTTTTA	CCTCCACTGT	CACTGTCTCC
14701	TCCTCACTCC	CAGACTCCTG	GATTGTCAAG	GCAGGGGTTC	CTTCTCATGT
14751	TCAGAGCCAT	CTTCCAGACT	ACTCTGAAAA	CACCTAGGGA	TACATCCAAA
14801	GCTGGGCTTT	ACCACCTTTT	TGGTATCTCA	AAAGCCAATC	AAATTAACCA
14851	TTGCATGAAT	CATCTGAAAA	TTCTATGCAG	GCTCATAGAA	TTTTAGGTCT
14901	GCAATGCCAC	TAATTAGCTA	CACAGGGAAA	TGTATGATCA	AAGTAAAGAT
14951	TTGAGGAATT	TTTTTTTTTG	GTTAAATTTT	AAAATAGGTA	TATGAAAAAC
15001	GTGGTTTTC	TTCTCTCTCT	CTCTCTTTTT	TTTCCTTATA	AAGGCCAAAC
15051	TTTAAATTGG	ACTGGTTTAC	AGTTTCAGAG	GTTCAAGTCA	TTATCATCAT
15101	GGCAGGAAGC	ACGGGGACAT	GCAGGCAGAC	ATGGAGCTAG	AAAAACAAGT
15151	GAAAGTTCTA	CATCTTGATC	TGAAGGCAC	CAGGAGGAGA	GTCTCTTTGA
15201	CACCAGCCAG	ACTTGAAAAA	AAAAAAAATA	AAATATATAT	ATATATATAT
15251	AACTTAAAT	CCCTACCCT	GCAGTGCCAC	ACTGCCTCTA	ACAAGGGTAC
15301	ACCTCCCTCCA	ATAAAGCCAC	ACATCTTAAT	AGTGCCACTT	CTGTGGGGCC
15351	AAGCATATCC	AAATCACCAC	ATGTAACCTT	CCCTCACACC	CATCTCTTTG
15401	TGGTGAATAA	AACTCAATTC	TTCTCTTTTG	AGCCAGATCT	TGCAGTGCAA
15451	ACTTGGGAGA	TTACTGAGGG	AGAATAAAAA	ATTCTAGACT	TCTCTGGGTG
15501	ACTCAATGAG	CACAAGTATT	GAGATAAAGA	CTGAAAGGAG	AGTTAGGGTG
15551	TGTGGCTTAA	CGGTAGAGTG	CTTGATTGGT	ATGTCGTGAG	CAGTGGGTTC
15601	AGTCCTTAA	ACTACACACA	CTCCTTTTCT	GCTTATGTCT	TGAATATACA
15651	CAATACATTG	TGCTTACCCT	CTGACACCC	ATGGTGTAA	AAAACTAG
15701	GATTTCCTTC	TTTCATTCAA	CTACAACCTC	ACAGCCATTA	GTCTTTTCTA
15751	TCCTCCCTCC	CTCACTAATG	GCCCCAGCCT	TGGGAAGCAA	CAGTGGTTTT
15801	TCAATTTGTA	CCAATCCTTA	AGGTCTCTGT	ATATAAGGAA	GTTTTACCAG
15851	TGCTTAGGTT	TTGGCGATCT	AGTAAACTTT	GGGAGAACAA	ATAAATTCCA
15901	ACTCCTCTTT	TCTAATCTGA	ACTCCATTGG	GAGAACCAAA	AGAAAAATCT
15951	GTCCTAGATT	TCCCAAAGCA	ATCCTCAAGG	AATGAGAGAC	ATTTTTATTC
16001	AGAGTGTTTG	TTAGGAAGGC	TTTGCAAGAG	AAAACAAGGA	ACATTTTAAG
16051	GTAGCTCACT	GTCAATGTGG	CCCTGGCCCC	ATCCATTTCT	ATGTAATAGA
16101	GTGGATGCC	AGGGCAGAA	TCATTTGGTG	GTGCCCCAAT	CCAGGACACA
16151	CATCTGGCAT	ATGTAAACAG	TGCCCCACCC	TTTGTGCACC	CCCCCATCTC
16201	TTTATGTGCT	AGTTAGGGTA	ACTGTTGAGA	TAACCTGTCA	AATGAGAAC
16251	ACTTAAACAG	GTCCCTTCAA	TTTCTTAGTT	ATGTTACAGT	GTAACCTGTT
16301	TCAGCGAGGG	GAACACATCT	GTGATCCACA	CAGTCAATCA	GGGACACAGG
16351	CTCCATCCAG	AAGGTGGCTT	CCTCTTTCTT	TGGAGCTGTG	GACTCTCTTA
16401	CTGGGTCTGT	TGTAATCTGCC	TGGGATGCAA	GGAGAAAGAA	ATATAGAGAA
16451	CAAAGGGTTA	TGTGCTTGGG	GTCTGTGCCA	GCCCTCTGTA	GGCATAATGG
16501	TTTTGTGCAC	TGTGTAAGG	TTATCTTGGT	GTATTACAAA	TGCTGATTTT
16551	TCTGCCCTAC	TTTCTGTTT	CAATCCAGAT	GTGGCTTTGT	TATGTTTATT
16601	CTTAGACGCT	CCTCTCTCAA	GTTTGTCTAA	ACGCAGCTCC	TCATTTATTC
16651	TCTGCCCTGT	CAGTAAAAAG	CAACGAGCCA	ATACAGAGCT	TTAGAGAGAA
16701	TAAGGTGGGA	CTTCCGATTC	CAGGAGGAGT	GGAGAAAGAG	ACAAGAAGAG

16751	AGGTCACAGGA	AGCATTGGGA	GAAGTGAGCT	GGA AAAAGAA	ATGACTAAAA
16801	AAAAATATCCC	AAGTAAGATG	GGAATATTGT	CTGGGGGAAA	TTCTGAGTAG
16851	CTTGGAGGTT	TAGAATGGAG	TAATAATTGC	TCAATATTTG	GCTGAAGGAA
16901	TTTTAATAAA	TCTTATCTC	TCTGTGCGGT	GATTTGGGGG	AAATTAGCTCG
16951	CTAAGGAATA	ATTGCCACTG	CACTAATTTT	ATGAATCTAT	ATTTAATATGG
17001	TGATCATTTA	GCAGTCTCTC	AGTAGGCTCC	TATCCCTTCC	TCTCACAACC
17051	CCTAGCTCAG	AGCAAAGTTT	TATGGCAAAC	TACCTCTCCA	ACTCCAAGAG
17101	AGCTGCAAGC	TGCCATGTAA	CACCTGCAGA	GAAGGGGCAA	GTTGTAAACC
17151	CAGGATGGA	TGGTGTGTAG	TCTGTGAGTG	AACCTTAAGT	TTTTTTTCTG
17201	AAAGGGAAAT	GGAATGCTTT	GTCACCACAT	TATAGGACTT	ACGAGAAGTA
17251	GTTGGGCATA	GAGGCTTATG	CCTGTGACCT	CTGCACCTCG	GGGACTGAAG
17301	CTCCAGGCCA	TGAATTGTGA	GTAACCTTGA	AGTTCAGCTC	CAGTTTCTCT
17351	CCCTCTTTCT	GGCGGCCTTG	TAGCATCCGA	CAGTTCTGCC	CACCAGCGAC
17401	CCATGTCTAT	CCACATCCAC	AGCTGCGATC	TTGGTGCCCT	GCCCTTGGTG
17451	AGGTTTCTGC	TGAGATCTGT	GCTTGTGTCA	GATCTGCTTC	TCATACAGCA
17501	GCAAAACACC	AGAGAGATGG	TTCCGAGTCT	CTTGCTCTCA	TGCACAACCT
17551	ATCTTAGTTT	CTGAGACCTT	CTATAGTTTA	GAACAGAAAG	GTCCTCCACA
17601	GGCTCATGCA	TTGAATTTCT	CAGCTTGTGT	TGTAGAACAG	CTGTTCTCAA
17651	CCCTCTCAAT	GCTGCGACCC	TTCAATACAG	TTCCCTCATG	TGTCATTGAT
17701	TCTCCACCTC	CCACCATAAA	ATTACTTTCC	TTGTACTPCT	GTAATCGTAA
17751	TCTTGCTACT	ATTACAAACA	AACTGTAATG	TAAATATATG	TGTTTCTTAA
17801	TGGTTTTAGG	CAACCCCTGT	GAAAGGGTTG	TTCAACCTCT	AAAGAAGTTG
17851	AGACCCACAG	GGTGAAAAC	ACTGCTCTAG	AAGGTGATAT	AAATTTTCAGG
17901	AGATGGGAAC	TGTTGGGAGG	TCAGTGGGAG	CACATCTTTT	TCTTTAAAGG
17951	TCATCTCTTT	TATTTTTTAG	AGGTATATAAT	AATATATTTT	CCCCCACTCC
18001	CTTTCTCTTT	TCCAAACTAT	CATGTATACC	CTTCCCTTAC	CTCTTTCAAA
18051	CTCATGGCCT	TTTTTTTTTT	TTTTTTTTTT	ATGATTGGGG	TGTGTGTGTG
18101	TTTTGTGTGT	GTTCTTAAT	ATACAAATAT	AACCTGATTTA	CTCTGTATGT
18151	TACTTGTATA	TGTATCTTTG	CAGGGATGGC	CATTTGGTAA	TAGCATATTT
18201	AAATTTTTTT	TCTTTTTAAT	GATGTGCGTT	TCTGTCTGAA	TGTATGTAT
18251	ATGAGTGAGT	CTGTGGAGGC	CTTCTCATAT	GTTTGTGGAG	GCCAGCAGAG
18301	GGTGTACAGT	GCCCTGGAGC	TGAAGTGACT	GGTGGTTGTC	AGCCAAACAGA
18351	TGTAGGTCCT	TGGAGCTAAC	TGCTGGTCTT	CTAGAAGAGC	AGGAAATCTT
18401	TGTAATTGTT	GAGCGATCTC	TCCAGCCCCA	TCCAGAGACA	TTACTGAAGA
18451	GGGCAACAGA	ACCTTGTGTC	TTCTCTTCTT	CCTTTCTTCC	TTTTTTATTC
18501	CCTGCTGTAA	GGGAAGTGGT	TTTGCTCTGC	TGAGAACCCG	TTCCACAAGC
18551	CCTCGAGGGT	TGTTGTCCTT	CCCACAGGCA	TGAAACAGTG	AGGCAAAACC
18601	ACCATAGATC	AAGTCTTCCA	AAACCGGGAG	CCAAAAGAAC	CTCTTTCTCT
18651	GGCTGAGGAG	ATGGCTCGGT	GGTTAAAGTG	TTTGTGTGTC	AGGCACAAGG
18701	AGGTGAGGCT	CATTCTCGGT	ACCCATATAA	AAGCTGGGCA	CCATGAGGCC
18751	TATCAGTGCC	TCCAGGTCTT	AGGCAGACCC	CATGGCTTGT	CTGGCCAGTC
18801	AGTGCAGTTG	AACCAAGTGA	CTCCAGGTTT	AGGGAGAGAA	CCTGTTTCAA
18851	AAAAACAAAG	TGGAAGAAAG	ACACCAGATG	TTTCAAGCTG	GCCCTACAT
18901	GTGTACACAT	GGACATGTAC	ATGCACAGGC	GAGCAAAACCT	ACATAAACAT
18951	TGCATACTAC	ACGCAAGCAC	ACACACACAC	ACACACACAC	ACACACACAC
19001	ACACACACAC	ACACAGAGTT	GGTTTGTTC	GGCATTGTGA	GAGAGATTGA
19051	AGGCAGACTA	ATAAACATAT	ATAGTAGACA	TCTTGTGTA	GACTCTACTC
19101	TTTGTGTGTG	TCAATCTCTT	TTATTTATCT	AGAAAGGAAC	CTTCTGTGTC
19151	TCTCATTATG	GGTTGATTTT	TCCCGAGGTG	GGATGCCGTC	ATGACCAATC
19201	AGTTACATTT	GGCTTGTGTG	AAAGAGAAAA	AGTCAAGTTT	CAAGCTTAAT
19251	ACTTCTTGTA	TGAATCAGAC	CATTGTGTAA	AGAGAATTTT	TGCTGAACCG
19301	GCTTCTGATC	CAAATGTGAC	AGCCGTCCGA	TGCAGTCAGC	AAACACTCCA
19351	CCTTGAATTA	GGACAGGAA	CTGTTTGTGT	CCTTCAAGAA	CCCTGTACTG
19401	ATAACGCTGA	CAAGATTGAC	ACACTGGGTT	CCTTGGAAAG	TAGAAATTTT
19451	TCTGAGAAAT	GTTCCAGAAA	AAAAAATAAA	AAGAAAAAAA	AAAAAATAAA
19501	AAGAAACAAG	AAGATAAAAT	GCTATGCACC	AGAGGCGGGG	TAGATGGTTT
19551	TGTAGGTAAG	AGCAGTTGCT	AAGCAAGCAT	GAGAATCTGA	GTTCAAACCC
19601	CCACTACTCA	CCTAAAAAAC	TGGGCGTGCG	CTTCGAGGTG	CTCGCAATC
19651	CCAGTGCTGT	TGGGAGCAGA	GCTGGGGGAG	ATATTGCTGA	CACTTGCTGG
19701	TTTCCAGCAT	AGCTCTGAGT	CAGAGGGCCT	GTCTCAGAGT	AAACAGGCGG
19751	ATCAAGATCA	TGCCAAGAGC	AGGACATCTG	ATGACCTCTG	GCCCTCCACT
19801	CTCCTCCCCC	ACAACTTACA	TACACACATG	CACACATACA	AAGGGAAAAA

19851	GCAACAGTCT	GCAATAAAAT	CTCCTTCCAT	TTTGAAAGC	ATCACCACAA
19901	AGGCCTTTCA	CCATTGTGAT	GATGAGAGTG	GGTGCCTCAGG	ATTCTGTGTTT
19951	AATAAGCAAG	GCTGTTTCAGG	GATACCTTCAG	CTGTGCATTCT	CCTTCCAAAG
20001	TCCAGGCGCA	CACAGTCTTG	ATGATGACTG	ATCCAGGGGC	TGGAGACATG
20051	GCTCTGTGAT	TCCAGACGTC	ATGGGTGAGT	ATCTGTATCC	CAGAACCCAC
20101	ATAGTGACTC	ACACACACAT	CTGTACCTCC	AGTCTGAGGG	GATCCAATGC
20151	CATTTTCTGG	GCTCTGGGGG	CAGTAGGCAC	ACATTCACTC	AAGCAGGCAA
20201	AATACCCATA	TGCGTAGAAT	AAAATAAGAC	ATTTAAAAAGA	TGGCTAATCT
20251	AACCTTAACAG	AATTTTACAT	AGCCCTCTTT	TTTTTTTCCAG	TCAGTTGGCT
20301	TCTTAGCTTG	ACGTTATGAC	AAGCAAGTAA	AGGCATAGAT	GTTCCTTCTT
20351	TAGTCTGATA	TGCACAGATG	GCCCTCTTCT	TTTAGCTGTG	AATGTGGTTT
20401	TGATAAGAAA	CAAGAGTTAA	AGGAGCCCAAC	ATTAGTCTTT	ATCACTCCCT
20451	AGTTACTTTG	ACGCGCCTCA	GAAAATGGGC	TTGTTTTTAA	AATTCAGCAA
20501	CGGCTTATAA	GACTAGGATG	CTTGCCCTAGC	TCTTACTCAG	GGACACACGA
20551	CCCTTGAAGA	GGGAGTCAAA	ACTGATGGTA	TGCATTAGAA	AACCTGCCAA
20601	AGTAGGTTTT	AAGGTCTTGA	GCCCTGTATA	TACAGACAGT	GC GGCGGAT
20651	GAGAGTGGTG	CCCATGGGCT	CCTGTGTTTC	GATGCTGCAT	TCCCAGTTAT
20701	GGAGCTTTGG	GGAGGATTA	GGTTGGCTTT	GTTAGGGGAG	GTCTGTCATA
20751	AGGGGAGAGG	GAGGGACTTG	GAGGTTGCCCT	GTTATATTAA	GAATTAATTA
20801	CGGGGCTGGA	GAGATGGCTC	AGCGGTTAAG	AGCACTGACT	GCTCTCTAGA
20851	AGGTCCTGAG	TTCAAAATCCC	AGCAACCACA	TGGTGGCTCA	AACCATCCA
20901	AAATGAGCTC	TGACGCCCTC	TTCTGGCATG	TCTGAAGACA	GCTACAGTGT
20951	ACTTACATAT	AATAAAATAA	TTAAAAAAA	AAAAGAAAGA	AAGAAAACGC
21001	CGGGCGGTGG	TGGCGCATGC	CTTTAATCCC	AGCACTTGGG	AGGCAGAGGC
21051	AGGCGGATTT	CTGAGTTCCA	GGCTAGCCGT	GTCTACAAAG	TGAGTTCAG
21101	GACAGCGAGG	GTTATACAGG	GAAACCCGT	CTCGAAAGAG	CAGAAAAAAA
21151	AAAAAAAATA	AAAAAAAATA	AAAGAAATAA	TTATTTCTTA	TATAAGTGTA
21201	ATCGATGAAT	TAATCTGGTA	GCTGTATTTG	TTTACCTTAT	TCTCTCTCT
21251	ACTAACTGTA	CAGAGAAATC	AAGATTTTAT	TAAAACTGTA	CCTCAGTAGC
21301	TGAGCAGGAA	AAGATGTACC	TTAAACTTGT	GTGCTAATCT	GGCTACTTCC
21351	CAGCCCCATC	CAGAAATACT	TGCATATTAT	TATTCTACTT	GCTACCTGTT
21401	CCTCATGGCT	CCAGTTCCTC	TGTTCTACCA	GTTCATCTGA	ATTTCCCTCT
21451	CTTCTCTTTT	TTCTCTGGT	TGGCCAAATG	CCCACCTCT	TCTCTATTCT
21501	GTTGAGCCAT	TGGGTGATCA	GCATTTCTTG	AGGAGGCCAA	GAATAATGG
21551	TGAGAACTGT	TTACACAAC	TTGAGACAGG	AGATTTCTGG	TATAAGCATC
21601	ACAATGACAT	GTCTGTATTG	AAACAGGATA	CTAGGCCGTA	GAAATCAACA
21651	TTTGAATAAC	CCAAGGGTAA	ACTTTACACA	GAGCACAAAA	CATCACTGTA
21701	CATCTGCAGG	GGGTGGGGTG	GGGGAGGGGC	TCTAAGCCAC	CTCAGCGCAG
21751	TTTGAAATGT	GAGTTCCTCAG	CATTCTTAAA	CCTTCACTCA	GCCATCAGGG
21801	ACTCGAAGCT	CAGGATCTGC	AAACAAGTCA	GCCTTTTCTT	TTATAGCTTG
21851	TCTCAGCTCT	AGTGTTTTAG	CCCAGCAGCA	GAAAGGTAAC	CAATACAGGC
21901	AGTAATTCTA	TTCTTACACG	ATTATTTTAA	AGAGTTAGTA	AACCGGGCGT
21951	GGGGGCGCAC	GCCTTTAATC	CCAGCACTCA	GGAGGCAGTA	GCAGGCAGAT
22001	TTCTGAAATC	GAGGCCAGCC	TGGTCTACAG	GGCTATCTCG	AAGAACCATA
22051	ATAAATAAAT	AAGTAAAATA	GTTAGTAATA	AACACAGACA	AGGCTCTGTA
22101	GTAGACAGCC	CTTGCTTATC	ACAGTCCCAA	AGCCCCAGT	CGGATCTGAA
22151	GCTGCAGACT	GTACCAAGCT	TGATACCAAC	TATACTTTGT	CTTCACTATC
22201	CATCCCTATG	ATAGCTTAAT	TTATAAGTTG	GGCAAAATAA	GGTATTAAC
22251	AAAAGAATA	GTAACACATA	GAGTGAGTGT	ACTACCTCTG	AATAAAAGTT
22301	ATTTTCAGACT	TATGAATTTG	TTACTTCTAG	AATTTTCCAT	TTAATGTGTT
22351	CGGACTATGA	CTGATTTCCAT	GGAACAAACG	CACAGAAACT	AAAACCATAG
22401	ATAAAGGGGC	AACACAGTA	TATCCAAGGA	AGGTCATTGC	TATAATTAT
22451	ACATGATGGA	GAAATTGGAA	ATGAACCTGA	TTCTTTAAGA	AAAAAGGAGA
22501	CAGTCTACCA	TAAAAATATT	TGTTAAATCC	AATGTTGGTG	AAGATAGTGT
22551	AATAATATAA	AAAAGATTCC	AGTGAAAAAC	ATATCTAGAA	AAGGGCCTGC
22601	GATTATAGAT	AAATATTGTC	CCTGTGAATA	CATGAATGCG	TATCACTTTA
22651	TTTTTATTAT	TTTATTATTAT	TATTTTGTAT	TTTTTCAGAG	AGGGCTCTAC
22701	TGTGAAGCCC	TGGCTGTCTT	GAAACTCACT	CTGTAGACCA	GGCTGGCCTC
22751	GAACCTCAGAA	ATTACCTGTC	CTCTGCCTCC	CGAGTGCTGG	GATTAAAGGC
22801	GTGTGCCACC	ATTCCCACAT	AGTATCACTT	TATAATCAGA	AATAATTAT
22851	TTAAATGATC	TGGAGAGATT	ACATGGCCTC	ACCTCAACC	CCTCTCGGC
22901	TTCTCTATGG	TCTGGTTCTT	TCCGAACATG	TTCAAGGGCC	AGGGTATTCG

22951	TCTCTTAGGC	TTTGGTGATT	AAAAACTTCC	AGCCTGTGGA	CCCCCTTGAGA
23001	AAGCCTCTTT	GCAGGAAGAG	GGGAACGGTA	AGGAGTATCA	TAGGAGCGCA
23051	GAACCTTTGAT	CTGGGAATCA	TCAGTGTGAG	CAAGAAGACC	ATGAAACATT
23101	ACTGGACAGA	AAGAAAAACC	TCCTGCCCAA	TGTGCTTTCT	CTCTTAATCA
23151	TGAAAACTTC	AAAAACGGAG	CGTTTCCCCA	GCCAGAAATCA	CCAGATGATT
23201	ATAA'TTGGT	GATTATACAT	TTTCC'TAGGA	CTACAGTACA	CTCTCTGGCA
23251	ATGTTTGAGAA	AGTGAT'TGTA	TCCTGACCAG	GC'TGGT'TGAA	GCAT'TTCTTT
23301	CCCCTCTACA	GCCTGCCCAG	AGGTAGCCCA	GATCCCAAC	ACAAAGTCTC
23351	TCCTTCCTGC	AGGGCCGGGC	AGACT'TCTGC	AAGCAGGCTG	TAAAAGGGGC
23401	GGGT'TCTTAC	CCCCACCCT	AGCAGCCCTG	TGACCTGTGC	TCTGCTCACT
23451	CTACCCCTCA	G'TACTGTCTT	TCCTGAGGCA	TTGGCTCTGC	CACCTAAGAA
23501	AAGCCACCAG	TG'TCTAGAAA	TC'TTGGCATC	TGATGGCCAG	AGGTTGGGAA
23551	ACCTCTTCTT	GGCTCTGGAT	CTTATTATTA	TTACTTATAA	TGAAAAATA
23601	GCCAGAGAAA	TAAAGATTAG	CA'TTTT'TTAA	AAGTATCCTA	GGTAGAGATG
23651	ACACT'TCTGG	AAT'TATACAG	AGGGGAAGAG	GATAAAGACA	ACATGAAATC
23701	CTGAACGTGA	C'TTGAGTGT	AGCTTACAAA	GGACAT'TCTT	ATTGGTAGCC
23751	GGATACATTT	CTAGTATCAA	GAAAGGGT'TT	TATACAAAGA	ACCT'TTGTGT
23801	AATAATAGTT	ATTGACCATT	TGGAGAGAGA	CAGAGACAGA	GACAGAGACA
23851	GAGAGCATGC	ATG'TT'TCTG	AGAGGGTGGC	TTAAGGGTCT	CTAAAT'TTTT
23901	ATAAGCATTT	C'TTCT'TTCT	CTG'TT'TTGT	AGCGCGGAAG	TTAGAAACAT
23951	TTCTACTCTA	TTAGCC'TCAA	TTCAAAGACT	CAIT'T'GGGAG	ACCTCTACT
24001	TAAGCCCACT	TTTCTATTTT	TAAGACCACA	ATCT'TGGGCA	T'TCTTGAAAA
24051	GCATCTGCTT	GT'TTATTTTA	GTTCA'TTTT	AAGAAAGTAG	TCC'TGGCCA
24101	ATCTGTACTG	CAGTGTCTGA	AGAGATGTAA	CGAAACTAGA	TATAGAAGAC
24151	TGACATGTGT	TG'TGTGTGTG	GTATGTGGTG	TATGTGTGGT	GTGTGTGTGT
24201	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTAAAAGGGC
24251	AGTGGGTTGA	AAGCCATATT	CTGAATCAAG	GGCAACACCT	GTTAAGTGGA
24301	AACTGGTTAG	CTATAAATAG	AGTGTTAAAC	AGGTAGATCA	GACACACATG
24351	ATGGAAGCCT	AGAGTCATCC	CTACCTCTGA	AGCAAGGAAA	CCTGTGCCAC
24401	ACTATGTAGG	TCCTCCCTGT	CGCAGGATTT	TCCTTGTCCA	ATCATATTAG
24451	GGCAGCAGGA	GGCCTGTGAT	TGGACAGGGA	AAAGAGGAGC	GTAAAAGGGC
24501	GTTGCAAAAG	CAGAGAAATG	CTCAGCGAGA	AAGGGAAGCC	TGAGATAGAA
24551	GTGGACAGGA	ACCAGAGTGG	CTTTAAACCG	CACAGGTAGT	TCTGATATCA
24601	CAAGGTGAGA	ATAATTGGGA	TAAAGCTTTC	GTCAT'TATCA	TTTGGCTCTG
24651	AAATTA'TTGT	ACTGGCATCT	TGTAAT'TTGA	GAAT'TTATTG	ATACATAAAT
24701	CTGATTTGGT	AAT'TATAAGC	TTCACGAGTT	TGCT'TCTTAC	CTGGTAAATG
24751	GGTGT'TGTGG	TGGCTGACCA	TGGGGTGGAC	AGT'TGTGGTG	TGGGGT'TGGT
24801	GTGACAGCAA	AAGGAAC'TCG	GGAGCTCTGG	CCCCGCCAG	AGAGT'TGGCA
24851	GTTAGAGACA	GAGCCCATGG	GACGGACTGC	CATGGGGCCG	AGAAT'TGGCA
24901	GCAAACTTGT	GGGACTGTGC	TGGGCCCTTT	AAAAAAAAT	ATTTCCCGCA
24951	GCACCTCCCA	TACTGTGAAT	GT'TGAAGAAA	GTGTTACCAT	T'TTGGAAAC
25001	TTCACGAAAA	TGAT'TCAATC	ACCTGACTGG	GATTCA'TGTG	TGCTCACAGA
25051	GATTGCGAGG	CTTATATGAG	TCTGACCGAG	GTCCCTTGCA	TGTGTGTTAT
25101	GGTTGCATAG	CCTGGTGTTC	TGTGGAAAT	CCTAACAAAG	GGAAACAGGGC
25151	TGCTCTGTAG	TCGCTTGCCCT	ACTTGTGGGA	CTCTTATCCT	CCTACCGGAT
25201	GGCTCATCC	ATCCTTGATG	TGAGAACATG	TGCGTGGTCT	TATCGTAGCT
25251	TGTTTATGCCA	TGTTTGGGTGG	ATGCCCTTGC	TCGTCCTGCT	CTTTTCTGAG
25301	GGGAGGTGAA	GGGTGATGGA	TCTAGGGAAG	AGGGGAAGTT	GTGGGGAGAG
25351	CCCGATAGGA	GGGGAGGGAG	GAGAAACTGC	AGT'TGGAATG	AAACATATCA
25401	GAGAAGAATA	AATAAAAAATG	AAAAAAAAGA	GTAATATGATT	CCATTTT'TGG
25451	ATGTAGAACA	AAAGCAAGAA	GACATGGAAT	GATTAAATAA	TAGGATACAC
25501	TAAACCCAA	TGCATACTCT	CAAGCAAACT	TCCTCTGAGC	TGGATTCCCA
25551	GATATCTGGG	AGCACTCCAA	AGTCCCTCAGC	CCATCAATAC	ATACCTTTATG
25601	AGAACACACA	GAAACAGTCA	ATACATTCAA	ATACACAACA	AGGGGTGCCT
25651	ATAGGAGAGT	TAGGGCCAAG	AAAGGATTAA	TGAAACACTT	TTTTTCAGTG
25701	GTCTGTGTTT	CCACATAAAT	ACCTGAGGCA	ACCAAT'TCGT	AAAGAAGTGA
25751	TTTTACTTTG	GTTTCATAGTT	TTGACCTTAA	AAAATGGTTT	TTACATTTAT
25801	TTACTTCAAT	TGTATGTATC	ATACATGTGC	CATAGTATCT	ACATGGATGT
25851	CAGAGGACAA	C'TTCCAGAG	TTCATTCTCT	TCCTCTACCA	CATGGGCCCT
25901	GGGAT'TCTAA	TATCAGCCTT	GGCAGCAAAC	GAGGCTGTAT	CTCTCCAGCC
25951	CCAGCTCACG	G'TT'TTGAAGT	CTCAGAAACT	GCAATCATGG	CCCCCTGTCC
26001	CTGGGACCAT	GGTGAGTCAG	TGCATCATGC	AGGAAC'TGTG	TGGGCTT'TGG

26051	CTAGGCAGCA	CAAGAGAAGG	GAGGGAGCTT	GGGCTCCACA	GACACCTTCA
26101	AGGGTACACC	CTTAAGATTT	GTAAATATTGC	CAATTAGACA	GGATCTAGAA
26151	TCACTCTGAG	ACAAATCTCT	AGGCACGTTT	GTGAGGGAAC	GT'TTGTGAGG
26201	GATCATGTGC	ATAAGGTTAG	CTGAATGTGT	TACATATATA	TGTATGTGTA
26251	TATGTATATT	TATATGAATA	TATGATTGGT	TACATACATA	TGCACCGC
26301	AATTTGTTTT	CTTTTTTTGG	GGGGGTTCAA	CTACATTAGT	ATT'TATTAT
26351	TTTTATTGGG	TATTTATTTT	ATTTACATTT	CCAATGCTAT	CCCCAAAAGT
26401	CTCCACACCC	TCCCCACCC	ACCCACTCCC	ACTTCTTGGC	CTCTATCGTC
26451	CCCTGTACTG	AGGCATATAA	AGTTTGCACG	ACTAATGGGC	CTCTCTTTCC
26501	ACTGATGGCT	GACTAGGCCA	TTTCTTGATT	CATATGACCA	TAGAGACACG
26551	AGCTCCAGCG	GCGTACTGGA	TAGTTCCATAT	TGTTGTTTCC	CCTATAGGAT
26601	TACAGATCCC	TTTAGCTCCT	TGGGTACTTT	CTCTAGCTCC	TCCACAAAAA
26651	TCATTTTCTA	TTGAACACTT	GCATCACCAT	AAAAATTTT	TTTTTTACCT
26701	CAAGCCACTG	TAAGT'TAGAG	ACTCTGTGTA	TACTAATGAA	AAGGTAGAAC
26751	CTAAATGTGG	GCAGCACAAT	TCCCTAGGGT	GGTGCTCTGC	ATTAATAGAA
26801	GGAAGCTGGC	GCACCACAG	GATTAGTGGC	TTTTCTGTGT	CTGGCTGTGT
26851	ATCTAATGGA	ACTAGCTGGT	TCAAACCTCT	GCTTCAAATGA	CTTTGCCACC
26901	AGGGTGGGCA	GTGTCTCAA	ACTTCTAAGC	CAAAACAAAC	CCTTCTTCTC
26951	TTAAGTTGTT	TCTTGT'TGAT	TTTGTGACAG	TGGCCCCTGG	TGACCTTTAA
27001	GACCTCTCAC	CAGGTCCCAA	CAGTACTGCA	GGCCATGGTT	CGCCATGGAG
27051	ACTTGGGTAG	ACAGTCAAGA	TCCAGTGACA	ACACTCCCCTA	ACTCCATAAT
27101	GACACTCTAC	AA'AAACACC	TAAAGGAAGC	ACCCCAACAA	CAATGAATAG
27151	ACTATAACGT	GTGTGTGTGT	GTGTGTGTGT	GTGTGTGTGT	GTTGTGTGTA
27201	TGTGAAGGCT	CAGTAGT'GAG	TTGGGTAGGA	ACAGTTTCAA	ACAGTGCATT
27251	GAAGCTGCTT	CCAA'TTTTCC	ATTATTATAG	AGTCCCTAAC	TTACAATGGC
27301	TTGACTGAAA	AAAAAAAAC	AACAAAAACA	ACAAAAACA	ACCAACTTTA
27351	TGATAGTTCA	AGTGCTACTG	TTCAATAGAC	ACTGCATTTT	GAATCTTGTT
27401	GTTCAGATGG	TATGTAATTC	ATCCTGTATT	AGCTTGGCAC	TCCCAACTGT
27451	TCCAAGAAAA	TATGTCTGTT	TCTATATCTA	TATCTAAATG	TGTGTATGTA
27501	TGTATGCATA	TATGTATATG	TATGGTGGGA	TATATATGTG	TACTGTGTGA
27551	TACACACATC	CTACTAGTTT	GATGCCTCTG	GAACAT'TGTT	TGCTGAGTTG
27601	AAATGTTAAT	TGGCTATCTG	ATCTCTTTCT	CCACACATGC	ATPACACAC
27651	ACACACACAC	ACACACATAC	TTTTTGGCCC	TCTGTCCCCT	TGCTATPAGC
27701	ATGAGACCTC	CTGAGAAGTT	CTGGCACATA	TTCCTTGCCT	TAGGGAGTGT
27751	TTCTGATTAA	GGACTT'GAGC	AGGT'TACAGA	TGTTAAACGC	ATACAGCCAA
27801	GTATTAGAAA	TTTGCC'TAAT	GAACCTACTT	CTCCCTGTTAT	CAGTCAACAA
27851	CTGAATGTAG	AGTTTCTTCT	CTCTTCCCTT	TTTCCCTTCT	TACTTTTCTT
27901	ATCTCCAAGA	AATGGCAGGA	GCCAT'TCTGC	GTGACTGTGA	TGCAGTGGGG
27951	CGCCATGCTG	ACACTGAGGT	CACAACAGGC	AAGAAAATTT	GCTATCAGTG
28001	TTCCCTTACTG	GATGTTGCTG	TGCAAACTGA	GTTTAAAGCT	TCTTGGAAG
28051	GGACTCTTCA	GCGAAACTAG	AACAGTATTG	TTAATTTATT	ACCCAATGCA
28101	ATCACATCCT	CTAGCTGTTG	TAATGAGGGT	GACGTCAAAG	TCCTCACAAC
28151	CTGGGGAATG	TCAATGACAT	TTCTACCTTG	TGGACACACT	TGGGACCATC
28201	TGCTCAAATA	ACGACTACCT	TCGTGCTAGA	GAGTCTGGTG	AGCTGAGCAC
28251	TTTATAAGTC	ACCACGACCT	GTGCAGATGC	AGCTTTGAAG	CGGCCACTTT
28301	TCTATAACGC	TCAGACACCC	CCTCATCCCT	TTACAATGTA	AACGGGAAGC
28351	TGTAGCTTTC	TTTATGTGTC	GTAAGCAAGC	ATCACAACAT	GGGTAACTTA
28401	GAAACATGCA	AACGTGTTTT	CTCACAGTTC	CGCCAAAGAC	CAAGAGACTC
28451	GAAGGCACCA	GCAAGACTGG	GTCC'TTCTC	AGGTTACAG	GGAGAATCGG
28501	CTTCTCGCCT	CCCTCAGAGC	TTCTGATGGC	TGCTGTGAGA	TGTGTATGCC
28551	AGGACTTACG	GAGCTTTCTC	CTAGAAATTG	TAGAAATAAA	CACCAAGACT
28601	ACAGTATGGG	CTCTTAGGCC	ACATTTTATC	TGGAAGGAAA	GCAGAGAAGA
28651	GGAAACAGCG	ACAGTGATTG	TGGGAGGTGG	CGCTGTGCTG	TGGAGAGAGA
28701	CCAGGCAAGC	TGCTTGGTTG	CTGGAGTGGT	CTGAGGGTTT	GTTAGTCAAT
28751	AGATGTTTCC	TCGTGGCTTA	AGGGATTTT	CTGTACAGG	ATACGGATCC
28801	CTGTTTCAGT	GGCCCTAGAA	GACAT'TCTGG	CTTTATCTTG	AATCTTTTGT
28851	GATAAGATAG	AGCACC'GGGG	GCAAGCGTGT	TTAATACACT	GTTGTCATAG
28901	AGGAGGGAAA	CTCTTGGTGG	GCAACAGGTT	TTCTGGTTTA	AAGGCATAAG
28951	AATCTATGTC	TGTCCTCCAA	CAGAAGTCTC	ATTTCAAATT	CTGTCTCATP
29001	TGGTGCATCA	TTTCGCCTAC	ATCTTCTCCG	TGTTTCTCTC	CGGTACCTTC
29051	ATTCTCTTTT	TCTCGTCTCC	CACCATCCCT	TTCTCTTGAC	CCTGTCTTTG
29101	GACATAGGGC	CAGACCTAAG	CCAGCATGCT	CTCATCTTTT	TTTTTTTTTT

29151 TAAGAAATTAC TTATTATTATT TTAAAGGTTT ATTTATTTTAT TTATGTATAT
29201 GAGTAAACTG TAGCTGTCTT CAGACACACC AGAAGAGGGC ATCAGATTCC
29251 ACTGCAGATG GTTGTGAGCC ACCATGTGGT TGCTGAGAAAT TGAACCTCTGG
29301 ACCTCTGGAA GAGCAGTCAG TGCTCTTAAC CACTGAGCCA CTCTCCAGC
29351 CCGCATGCCT TCATCTTGAG ATCACCATA ACTAAATAAT GATGTCTCCA
29401 AAGATTCTTT TCCCGAATTA AGTCACATT AGGTCTCTGG GACTAAAGCG
29451 GGCAAGTGAA CCAACCCACT ACATAAGGCT TCATGATCGT CCAGCTCTTAT
29501 ATTCCCAAGTG GGAAGCTGAG GTGGAGTCCC AGTGGTAGCA CATTTGAATCC
29551 TTTGACTGCT GTTGTGTGGA GAACTATAAC CCTTCCCCCA TGCCCTCCCC
29601 CCACAACATT AATATTTTAC ATCTTTAGAG AGGTGACTAG ATTTAAATGAA
29651 GTTACTAGGA GTAGTTCCCT AATGCAATTG GACTTGGTCT TTCAATGAGAA
29701 GAGGAAATGA GGTCAGAGGA AAAGATGGCT ATCTAAAGC GAACAGAAGC
29751 CTCAGGCATC GTTGTGAGCC CCAGGTTTCC ACCCTCCAAG GCCACGATGA
29801 TGCAGATTGC TGTCGTGTTA GTCACCTGTG GGCACTTTCG TCACGGCACC
29851 CCGTCAACGC ACCCCGTCAC GGCACCCCGT CACGGCACC CCCTACGGCA
29901 CCCCCATCAA TGAACGCACG TGCTTCAAAC CCACGTCTCG CCACGTTCC
29951 ACAAGGCAGA GGGCCATCCT GCCAGGCACT TTGGGGACAG CTACACCATTC
30001 AGAAGAGAAG ACCCTCAAGT AAGATATCCT GTCTCTTACT AATGAATGTC
30051 TCAATGATAG GGCTTGTAT TCTGTTTTTG GGTGAGGGTG TTAGGTTTCA
30101 GACCCAGGAC AAACAGCTGA GGTGTGTATT TTAGGTATGA AAGTGTATCT
30151 AGCCTCCAGG TTCTCCCAAC ATCCCTCAGT CCCTGGTCTG TACAGGGCAT
30201 GGCTGGCATG CCTGCCCTC TGCCCTTAAAC TTTCCAACCC AGGGGCTGGA
30251 CTTCGCCCTCC CTTGAAAGCT CTTCCCGATA CAATCCAGAC ATCTTGGTCT
30301 TTTGGTCCCT CCTCTCTCTG TCTCTGTCTC TGCTCTGTCT TCAGTCTCTG
30351 TCTCTGTCTC TCCATCTTCT CTCTCCCTGC ATGTATAAGT TCTTTCTCTC
30401 TTCCCTTCCC CCCTTCTGTC TCCTTCCCTC TGGTGTCTCT CCTGGCCTCA
30451 TTCCCTTGGGA CCAAGTATCC CACCTAAGAG CAACCTTCCA AGAAACCTCG
30501 CTTTATATATC TTTAATCTGG TTTGAATTGG CTCTCTTGTG CATCGGAGAA
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30601 AGCTAGCTTG GAACTCACTG TAGACTAGGC TGGCTTGGAA CTCAGAGATC
30651 CACCTGCCTC AGCCTCCCTG GTGCTGGGAT CAAAGCTGTG ACCCATGCCT
30701 GGCTTCATCT ATGGTCTTGT TTTGTTTTGT TTTGTTTTGT TTTTGTGACC
30751 AGCAGTATTG CTTCTCTGTT ATCATGACAT CACAGCACTT CTCTTCATCA
30801 GTGGATTCTT AGGTGTAGTG AAATGGCTTA TGACATCCTA GAAACAGATT
30851 GGTGGTGTTC GTTGTAGTGT TGGTCCCTGA GTTAATTATG GGTGTGTGTG
30901 TGAGAGAGAG AGTGTGGCT GGTTTGTGT TTTGTTGTGT CACCTTGACA
30951 TCATCTGAAA TTGAGAAAAT GTCCCCATGA CATTGAGCTA TAGGCAAGCC
31001 AGCAAGGCAT TTTCTTAACT AGTGATTGAT AGAGAGGGGT CCAGCCCATG
31051 GTGGGCAGGG CCACCCCTGG ACTTGTGGTC CTGGGTCTTA TAAAGCAAGC
31101 TGAGCAAGCC ATGGGGTACA AGCCAGTAAG CAGCACCCTC CCATCAACTC
31151 CTGCTTCCAG GTTCTGTCTC TATTTGAGTT CCTTTCCCTGA CTTTCTTCAG
31201 TTACGGATAG GATGTGGAAG TGTAAGCCAA ATAAATGCTT ATCTCCCCAA
31251 CTAGCTTTTG GCCATAGTGT TTTAACTGCA CTAGAAAAC CTCTGTCTCG
31301 GGAGACCTAC TGAATGAGAA CTAGAGCGGG GCTCTGTCTG CGGTAGTGTG
31351 TGTATGTGTG TACATCACGT GCACAAATGT AAGGAGGCTA GAAAGTTGACA
31401 TCAGCTGTCT TGTTTTGAGA AAGGGTTTCT CTGTGTAGCT CTGGTTGTCT
31451 TAGAATTCAC CATATAGGGG CTGGAGAGAT GGTCTAGCAG TTTAAGAACAC
31501 TGACTGTCTC TCCACAGGTC CTGAGTTCAA TTCCCAAGCA CCAATGACT
31551 CACAACCATC TTTAATGGGA TCTGATTCCT TCTTCTGGTG TGCTGAAGA
31601 CAGTGACAGT GTAGTTGTAT ACATAAAATA AATAAATCTT AAAAAAATA
31651 AAAGAACTCA CTGTGTAGAC CAGGCTGGCC TCAAACCTGAT AGAAATGTGT
31701 CTGCCCTCTG TTTCTGAGTA CTGGAATGAA AGGTGTGTGC CATCAACACT
31751 TGGCTGACAC TGGGTGTTTT GTTTAATTAC TACCTTGATT TTTGAGACG
31801 GGTCTCTCAC CAAACCTGAA CTTTATCAGT TCTGATAGAC TTGGTGGCCA
31851 GCAAGCCCCA GGGAGCTCTC TGCTCTTACC TCCCCAGTTC TGATATTAGT
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32001 CCTAGCCCCCT GTCATCTGTG TTTCTAAAAG CTCTTTTGGT TCAGATTCGG
32051 GTTGACATTT GACAACCACT AGAGAGAGGA GCAAGCTGTC CAGAGCTGAA
32101 CTGTGATGCC ACGTGCCTCA CAGAAGCACA TGTGTGTGTG TGTTATTAACT
32151 GTGTTGTTAA CGTGTTCCTT CCAGATGAAC CTGCAAGGAA GACTCAGTGA
32201 GCCTGGGGTG GCCATGGAGG GGCCAAAGAC ATATACTTCT GCAAGAAAG

32251	CCAAGGAAAA	AAAGAACTTT	GCTTCATGGC	CGCCTCTCTT	GCCTGAGTGT
32301	CAGCTGTTTG	ACATCTTTTC	ACTCCTCCGA	GCAACACAGA	AGAACATGGC
32351	TCTCTCAGAA	GACGAACCGG	GCATCCTCCC	AAAACCTGTCA	CAAAATGGCA
32401	CATCCTGCAG	TATTTACTGA	TCCCTTGGGA	AATGCTTAACC	AGAAATTTGGG
32451	TTTGTCTTCT	GACTTGTGTC	TTACACAGTTG	AAAACCTTCT	AAAATGGACC
32501	TGTCGCTTTG	CCACACACAG	ACCAGGAAAA	CCCTAAGGGG	CAAGAACTTG
32551	GAAAGATTTC	GGATCTTTAT	GAAGCACTCT	GACTCAAATT	CCGACTTTGAT
32601	TTCTGGAGAG	AGGAAGGCTG	GGAGTCACTG	AGTTCTCACT	GACCTCTGAG
32651	CTTTGTGTGT	GATCTCAGGG	GGACATCGTT	TGTGGGCATC	CCAGTGTGTT
32701	ACATCTACCG	CTCATTTCCC	ATTTATAGCT	GACATGTGAA	CGTCAGCTAC
32751	TGGGCTGGCA	GTTCGCCGAA	GTGTGGCACA	TTTTAAAAAA	CACGGAGACA
32801	CAGCTGCTAA	AGTCACTGTT	GTGTCCCTAA	AAACTGAAAT	GGAGTGCCTA
32851	ATGCACTGGA	AGGAAGAAAA	CATCATCCTA	ACAGCCATGG	CCTCTCCAGG
32901	AGCCCCCAGA	TCTCTGGTTC	TTGTTTTGAG	CATTAGCTCT	TTCCATTAGC
32951	CAGTGTAGGC	AGCCCTGACT	CTATGATTGG	GAGAAGCAAC	ACAAAGTGAA
33001	AATAGAGATC	TTCTGTGTGA	AAGTTCCCTT	GAGGTGGGAA	CATTGAAGCA
33051	AGTGAGAGGT	CTTTTGTAGT	GTGGAGCCCC	GTGCTTCTGA	AGGAGTCTGA
33101	CCCACGAAGA	TAGCTCGGTG	TGTAGGAGCT	GGGATGAAAT	TTTACGGACC
33151	CGTATACCTT	TCAAGAAATA	GCTTTATTTT	TCTTCAGACT	CCCTAAGAAAT
33201	AATCCCTTTA	TATACTTATT	TTCTTTCCCA	GATGTACTGC	CCAGATGTGA
33251	TTGCTACGAT	GAATACTGG	AGTTATAATG	AAATACCGGA	AACCACTCC
33301	TTATAAAGGA	AAAGAGATTT	ATTTAGCACC	CAGTTTGGGA	GCTCCAAGGG
33351	CATGGCCCTC	TATAATATGT	TCTGGTGAGG	GTCTTTTGGG	CTGTGTCA
33401	AGACTGCAGA	TAGTAATAGT	GAGCTGCATT	GCTAAACAAA	GAGTTAGAGA
33451	GAGTAGGACC	CCACTCTGGC	TCTTTATCAC	AATCCTCCCC	AGAGAAATTA
33501	CTTGCAAGAA	ATACTTGTAT	TCCTTTCGAG	GGCATACTAC	CAATAGACCA
33551	ATGGATCTCC	CATGAAGCAA	TATCTCTTCA	AGGCTTACCC	AGCATCATCA
33601	CACCTGGGAGT	CAATATTTCA	ATTCATGGAC	CCTTGGTAGA	CAAAACGATT
33651	CCTAAACATA	ATACTATGAA	AGAGAAAAAC	GCATAATAAG	GAAGCAGGCA
33701	TATTTGATAT	GACCTCCATT	AGTCCCAGGG	TTTTTTTTTT	TTTTGTTTTT
33751	TTTTGTTTTG	TTTTGTTTTG	TTGTTTTTGT	TTTTTTCGAG	CAGGGTTTCT
33801	TTGTATAGAC	CTGGCTGTCC	TGGAACCTAC	TCTGTAGACC	AGGTTGGCCT
33851	CGAACTCAGA	AATCTGCCCT	CCTCTGCCCT	CCGAGTGCCT	GATTTAAAGG
33901	CGTGTGCCAC	CATGCCCGGC	TAGCCCCAGT	TTTTATCCCC	TTGAATATAA
33951	CTGTCTCTGG	GAATGGCCCT	CAGCGGTACC	TCTCTGGAGT	ACTGAAAGCAT
34001	GCTTCCCATC	CCACGAGTGC	TGGATAGGCT	ATTAAGACTC	AGTAGTGGGG
34051	CTGGAGAGAT	GGCTTAGCAG	TTAAGAGCAC	CGGCTGCTCT	TCCAGAGGTT
34101	TTGAGTTCAA	TTCCCCAGCA	CCACATGGTG	GTTCAACAAC	ATCTGCAATG
34151	GGATCCGATG	TCCTCTTCTG	TTGTTTATGA	AGAGAGCAAC	AGTGTACTCA
34201	TACAAAAATA	AAATAAAAAAT	AAAAATAAAA	AGTTCAATTAG	AAGCACTGGG
34251	GGTGCATATC	TTTAATTTCA	GCACCTCAGGA	GGCAGAGGCA	GGCAGATCTC
34301	TGTGAGTTTG	AGGCCAGCTT	GGTCTATAAA	GTAAGTTCCA	AGGCAGCTAG
34351	GGCTGTACAT	AGAAACCCCTG	TCTAGAAAAA	CACACAGACA	GACAGACAGA
34401	CAACTCAATA	GAATGGCAGT	GGACTTGACA	GAACCCCTCC	CCTCACGATG
34451	TCTGCCTGAG	CTTCTTGTGC	TTCTGTTCCT	TACTGTGAGA	ATGTCCTGTT
34501	TCGCTGTACG	TTCAAGGAAA	ACTGGAGAAA	TAAACCCAGA	GTAGACTCAA
34551	CCCCGAAGGG	GAACCCAGAA	TAGAGCTCTC	CCTGCCGACC	TGCAGATCTC
34601	AGCGGGGGAA	AAGGTGATAC	CGTTGTGAGC	CACTGAGCCA	TTTTCTCACAC
34651	AGCGTGTCTA	AAATAGAAAC	CCGGTGGAGA	AGGTATCCTT	CCCAGGCAGA
34701	GGCTGAGAAA	TGAGAAGAGA	TGTTAGAAAA	AGGCCAATTA	ATGCTAAGTA
34751	TCGATGGTCTG	GTCCCCATGT	TCAAATCCAG	CCAACAGTTA	TTAAATAAGT
34801	TCACCACTAA	GCTTCCTAAT	TAGAATCCAA	ACTGGAATCT	AGTCTGCTGT
34851	GTCTCAAAGT	CCTTTCCGCA	ATGGGCAGAG	AACTTTGGAG	CCTGCGTTTG
34901	TTAAGCTATG	ACTGTATGTT	AGTGTCTGGG	TAAACACTG	TCTTATGTTT
34951	TATTTCAAAC	AGTCTTTTCC	ATAATTCTGT	GC'TTTCATTT	CCTAACAGTA
35001	TCCCCACTTT	TGCTCATAGG	AACGGAAACG	CAGAGTGGGT	AAGTAACCTGT
35051	CAGAAGCAGT	AGAGGCTGAT	GACACCCGAG	GC'TCACACTG	AAAAGCCACA
35101	CCTTTTGGCC	CAGTTTGTAA	AATGCTTGCC	CTACAAGCTG	AAAGGCCTGC
35151	TCTCATCAAA	AGCCATGTGT	GGGGTTGTAT	CTAAAATCCA	ATTGCCAGGG
35201	AGGCAGAGGC	AGGGGGATCT	CTGGAGCAAT	TAGCTTAAC	CCTCTTGACA
35251	AAACAAAGTT	CCAGACCCAG	TGAGAGGCC	TGCTTAAAAA	AAAAAAAAGC
35301	TGAACAGAGG	AAGCAGATGT	CTGATACTGA	CCTCTGACCT	CACAGGCACA

35351	CATAACTGTA	CAGGATATTA	CACACATGAA	AGAAAGACGA	GTATAGGATG
35401	AGAAGGAAGA	GGAAGGCAGG	CAAATGGGAG	GGGCATAGCT	TACCCCTGAA
35451	CTTGACCACA	GCGACTTCTG	ATCTTGGTCA	TCAGCTTAAA	AATATCCGAT
35501	TGACCCGGTG	AGCTGGCTTG	GCAGGAGGGA	CACTTTGGTGC	TGAGTCTTGAC
35551	AACCTGAGTG	AGTTTGGTCT	TGCGGATGCG	TGTTGGTGGA	AGGAGAGAACC
35601	AACCTCCTTG	AGTTTGTCTT	TGACCTCCAC	ATCCTTGTAA	GTGTACATGTC
35651	AAGCCTGTGA	ATTACATTAT	TATTACAATT	CTGTGTATAT	TAATTTAACAC
35701	TGAAAAATTA	TACAGTGCGA	ATTATTCTCT	AACCAAGTTT	CCCCCAAAAT
35751	AACCCACAAA	AAACCTTTTA	ATATTTTCAA	GCPTTTAGGCC	TGAGTCTGGGC
35801	AGACTCTTTT	TTTTTTTTTT	TTTTTTTTTT	TGGTTTCTTA	AGATTAGAGTT
35851	TCTCTGTGTA	TCCTTGGCTG	TCCTGGAACT	CACPTTGTAG	ACCAGGCTGG
35901	CCTTGAACCT	AGAAATCTGC	CTACCTCTGC	CTCCCAAGTG	CTGAGACTAA
35951	AGGCGTGAC	CCCACCTGCC	CAGCTAGCTG	GGCAGACTCT	TAACCTCGCTC
36001	ATCTAAGTTA	ACCTGCCCAT	CTAGCCCCAT	CCAGTCAAGT	GCCTAGCTAT
36051	ACCTTCCAGG	CCCATAGTAA	CTTTTATCTT	CTCTCATGTC	TCCTGATGAA
36101	GAGGTTTTTC	TCTTTCTTCT	CTATCCGAGG	AAGTCACACC	ATCCACTTCC
36151	TGCCAGCTTA	ATTGGCCATG	AGATTTTTTT	TTTATTATTA	TTAAAGTCAA
36201	TCAAAGAATG	CCTTACATAG	GTGAGGAACA	ACAGAGACAC	AATTTTATAC
36251	AGTGTATCTC	CACAATGCC	CCATCCCCTC	CAAAATAAAT	AACCTGAGCA
36301	ATGTTAAAA	CACACACACA	CACACACACA	CACACACACA	CACACACAC
36351	ATACACACAC	ACACCCACCA	CACATACACA	CACACCACAC	ACACACTATC
36401	ACACAATGTT	AAACCCACCA	CACACCACAC	CACACATACA	CACCCACAC
36451	ACACACCCAC	ACACACACAC	ACAATGGTAG	CTATACCCAG	GATACTTTAT
36501	TTAGTTTATA	ATATAATAAG	TCATGTACTG	TATAGTTTCT	TTTTTTAAAA
36551	GTAAATTCCA	GGGTTTCTCT	TGGAGAAACA	GTAGGCAAC	CTGTATTTTA
36601	GTGAGATGCA	CCTGATATTT	GGGTGATGTT	AGGCATGGTA	GTACAGGCA
36651	GAAAGGACAG	TCCCACGAT	TTACAACCTG	AATGGACGTA	TTCCCAGCTG
36701	CTGAGGAAGA	TGCCTTGTCT	CTGCCCTGTC	AACCTGGCTC	ATGGGAATGA
36751	AGAACCGTTT	TCCCATGGA	CTCTAGTCAG	TCACGTAGCC	ATCTCTTGG
36801	GAGTCTTCCC	CACCCACCCC	AAAAAGACAG	AAAAGAAAG	AGGACAGATT
36851	CTCAGATAGC	TCAGGCTAGT	CTTCAACAAG	ATATTAAGTA	GAGGATAACC
36901	TTGAATTGAT	ATTCTTACTG	CCTCTCTTCT	CTAAATTCTG	AGATTACAGA
36951	CATGTGCCAC	TGTACCTCTT	GAGTTGATCT	TCTGACCTAG	AATTTATGAT
37001	GTAAGGGTAC	GAAAGGGAAA	CTCCCATGG	GAAACAGAGT	AGTGCCCCAG
37051	AGTCCACACA	GACATCTTTC	CCCAATCACT	GGAGCCTGAG	AGTCAACATGG
37101	CAAAGGGGCA	TAGAGCTGTC	AATCAACTGA	CCTTAAAGCG	AGGAGAATGT
37151	GGGCAGGCTG	GTGGCAGCAC	ATGCCTTTAA	TCCCAGCACT	CAGGAGGCG
37201	AAGATGAGTT	TGAGGCTAGC	CTGGTCTTACA	GAGTGAGGAC	AGCCAGGACT
37251	AGACAGAGAA	ATCCTGTGTC	AAAAAAAATA	AAAAAAAATA	AAAAAAAAG
37301	AAAAAAAAGT	AAAAAAAAGT	GCTACTTTAA	GCTTAAAGCA	GCTTTGAAGG
37351	GAGGCTCTAT	AGCCAAGGAA	TTCGGGAAGC	TTCTAAAGAG	TAAAGAGGTA
37401	AAGGGAAGAC	ACTCCACACT	AGCAGAGACC	TGTTGACCTT	TCAAGCTAGC
37451	CTAGTGAGGT	CCTGTTTGGA	CTTCTGAGTT	CCAGAAGTGT	AAGATTCCAA
37501	ATCTGTGTTG	TTTTGAGTCA	CTGATTGGTT	GGAATTTATG	ATAGTGACCA
37551	CTAACAAACT	CCAACACTCC	CTAAAAGAAA	ATGGTGGTGC	TTTTCTCAGA
37601	AGGAAGGGGG	TGCTGGGTGG	GGAAATGCCA	GAGTCTGTAA	ACTAGACTCT
37651	GGGCATCTTG	TTAGGTAATTT	GCTGTGGGGA	GAAAGAACTC	CGGTTTCAGT
37701	TCATCTATAG	TCCGTGTAT	CGGGTCCCTA	GGGCTCACTG	TGCCCTTCAG
37751	CAAGAGCAGA	AAAGCCTGCA	TGTACTGCC	AGCCCGGACA	CCTGCTTCCT
37801	TCCCTCACTG	CTGTTCACCA	CCAACAAGTT	ACTCAATCTT	CGTAGGCTTC
37851	GGGAAGATGA	TGATACTCAT	CAGATGGGTT	TTATGAAGAT	TAAAGATGAA
37901	TACATTAAAA	AAAAAAAAC	TGGCCGCACT	GCTGGCACAT	AGGGTACACT
37951	TAAAGTACTA	AGTAATCTTT	GGGACATTAG	GTAATATAGT	ATAATTCTGC
38001	CTTGTGTCCA	CGACTGCTTG	GGTATGAAAG	TTACCTTTGC	CACTTGGAAAT
38051	GTCTGTGTGA	GCAGTGATTA	ATGATCTCTT	AGGCCGTTTC	ATTCCTATGC
38101	GAAACGCAAT	GCTACGGGTA	TTACCTCATC	GAGAGGTGAG	GAGGAGTGGG
38151	GTCAGCATGT	TTAACTCAGC	AGCTACTGTT	TGATGTATAT	GATCCATGCC
38201	ATCCCCACCA	TCAGCTGTCC	ACCTTTGTCC	AACTTGTCC	CCCTCCCTCC
38251	CTCTGGATGG	TTGATACGTA	AGCAAAGCAT	CCCAGGAGGG	TGGCATCTCA
38301	CAGGATCACC	AAGACCTTCT	CATGTGGGAG	GAACCATGAT	TGCCACACCG
38351	TAGGGGAGCA	ATATTATCTT	TCTTCCAATC	AGGAAGCAAG	ACACGGCAGT
38401	CCTCTGGCAA	GCTGCGTACT	TAGCACACGA	GAAACGAGGG	CAGTAGGAAA

38451	TTCAGTGTCC	AACGCACACC	TCAC'TCTGTG	GGACAGGGAT	CCCTACAGAC
38501	TGCAGGGTCT	TGCTTTCCCT	TCCCTGTCAG	TCTGCAGGAG	TGTAGGGTGT
38551	ACCTGTTGTT	GTTTTTCACAC	TTGATAACAA	GGTGAGAGAA	CATTAGGTTA
38601	AGGAGCCTGG	GGTTTTTCCTG	TTGAGAGTAA	TCCTTTTCAGC	AATACCAAGA
38651	ACTCTCAC'TT	GAGAGATAAC	AACAGGACCT	ATGACAGGCC	ATCTGTAAAC
38701	AATCGTTTGA	TGGCGATAGC	TGATTTAATC	AGAAGCTTCT	GCTCTCCCC
38751	CACGTGAACC	CGCACAGAGA	GCGCGCCAAT	CCAGCTGCAA	GAAATATTTT
38801	GTTTAACTTT	GCCACATTTA	TTTACTCGTT	GGGACTGTTT	CACTTGATTG
38851	GACGGAGCAG	TTGGAAAGAG	CGAAAATACC	CCAGGCGTTC	TATGTCTCTG
38901	ATAAECTGGC	GACATCTGCC	TCTCAGCCTG	TTTGTGTTGT	GTCTCTCAAG
38951	TCTTTTGCCC	TCATCCTCCT	AGTCAGAGAT	TTGGCCTTGT	TCTGCACAG
39001	GCTTTTGGGGA	CAGGAGGGTA	GAATCTGTCC	CTGCCTAGCC	TTGCAAAATGA
39051	TTTTAAAAAT	TGATGCTTAC	CCTACAAAGT	CTATTGAGAG	ATGTGTCGTG
39101	GCAAGGCATT	GTCTGTGAAG	TGCTATGTAT	CATAGGAAAA	CATGGGTTAA
39151	GTCATAGGAA	ATCCCCAGTG	TCATTAGAGC	CCACACTAGA	CGCACAAATA
39201	TCTACAGGGC	ACATAGAAAC	TCCAGGAGGT	CTGTAGCTAG	CTGTCTAGGA
39251	AGGTTTGTAA	GAGGTGTTAT	ATTGAGGACA	GGCTCCAGGG	TGGGGGTGGG
39301	GTTTAAAGTC	TGTGAGTGAG	CTTTGGCAAG	ATGGCTCCGT	AGGTAAAGT
39351	GCTTCTGCTA	AGACTGATGA	CTGAGTTGGA	TCCCGGAATC	CATGTGGTGG
39401	AAGGAGAGCA	CTAACTTGTC	CTCTGGCCCC	CACATGGGCA	CCAGGGTACT
39451	TGAGTGTACA	GCCCATGTCC	CCTACAGAAA	GAAAGTCAAT	TTAATTTAAA
39501	AAAAAATAAA	ACTATTTTAA	GTGAGAGCAG	AGGAAGAGCT	CAATGAAGAG
39551	GTGGCTGTAG	CTGCAGCTGG	TTTTTCTGAG	TTGGGGAGGA	TTAAAAATAT
39601	AGACAGCCCT	TCAGCTCACA	TCAGCTGATT	CAACGAAACG	AAGCTTAAAA
39651	GCATCAGAA	CCAAACTGCC	CCTGCGCAGA	ACACATCACA	CAC'TTTTACA
39701	AATAATTTGT	TTTAAAGGTT	TTGTTTGTGT	TTTTTACAAGT	ATGTGTTAGG
39751	ACCTAGGTAA	ACTATTTAAG	CCTAAATGAA	ATAATAAGGC	CTGGGTAAAT
39801	GTTAAGGCCCT	AGGTGACTGA	TACCTGAATA	ACCTCCCAAT	GTAAGGAAAC
39851	TTTCCACAT	GTTTCTGCTG	TTACTAGGAA	ACTCTAATGC	CAAGATGGTC
39901	TTCACACTCT	GTTATGTACT	GTGCTCTTGA	AAACCAATCA	CGACAGAAAT
39951	CAGTAGAAT	GTTTGTGATA	GTTACCTTCA	AATAAGCTTG	GACCCGACCA
40001	ACCACCCAGG	AGCCCTTCCT	GCACCTATGT	ATAAGCTGCC	CTTGGGAAGG
40051	ACCCCAACAT	AAGAGAGACA	CCTGTACCAG	AAGAAGAAAC	GTTTGGGAAT
40101	AAGACTTCCA	TTTTGAGTAG	TGGTCTAAGT	TCCCAAGTTT	AAGTTCCCAA
40151	GACCTCCCTG	GGAACTGACA	TCCATATTTG	CAGAAAGAGA	TGTGTACATG
40201	GGTAACGTAC	ATCCTGGTTG	GCAAGTTTCA	ACATAGCATG	TAGACAAGTT
40251	CCATCCTGAC	AGACAAGTTA	GAACATGAAT	ATTAGACAAG	GCAAGTCCCC
40301	TGCCACAGTT	GAATATCCCA	GTCACTGGGA	GCGGGATTAA	TGCACAACTA
40351	AGACATGTTT	CTAAGGAAAC	CCCTATCCCT	AAATGCTGAT	TGGTGAATA
40401	ACTTGGCACA	GATGTTTGTG	GAATTTGGGC	TTAAAAAAACC	CTGTAAGATC
40451	TGGACCATGG	CCCCGTTTGA	CCAGTCTTGG	GGTGTATGCT	CAATTAACTA
40501	TCCCTGTGTG	ACTGAGATCA	TAGTCACGTG	GTTTGTGAGG	CGGTTCCTGG
40551	ACCCTAACAT	ATGTATTAAT	CATATACAGC	AGTGGTGCCA	TTATGATCTT
40601	TGCATGCATA	AAGACGCAAT	GTCTTTTFTT	TTTTTTTTTTT	TGGGGGGTTT
40651	TTGGTTTFTT	GAGACAGGGT	TTCTCTGTAT	AGCCCTGGCT	GTCTCGGAGC
40701	TCACTTTTGA	GACCAAGGCT	GCCTCGAACT	CAGAAATCCG	CCTGCCCTGT
40751	CCTCCCGAGG	ACGCAAGTCT	TTTAAATCAT	GTCTGCTCTT	TGTCTTTCTC
40801	CCTTGCTTTT	AATGCTTTT	TCTTTATTTT	TTATGACCCA	GTGAGTTCCT
40851	GTTAGGGTGT	TGTAGGAGTG	GGGGTGGGAG	TCATTTACAG	GGCTGTGTGC
40901	ATCTCACAGG	TGACTACATG	ACTGAAGAAA	ATGCTTCTCC	CTCCCTCATG
40951	ACTCTCACAA	CCTATGATAG	ACTTCAAGAT	AAAACGGATG	CCAGCAGGTT
41001	CAATCTTGTA	ACATCTTGTG	CTGATGACCA	TAGCTGTGCT	GAGTTCAACA
41051	GTGTAACAGC	CAAGTTGTGT	CCAGAGGTCA	GTGGCTTCCC	ATTTCCCTAG
41101	GTCTTGACAT	TCTTCCCGTC	CCTTCTTCTG	TGATAGTCCC	TGAGTCTTGG
41151	AAGGGGTGGT	ATAGATGTCC	CACTCACGGT	TGTACAGTCA	ATGGTCTGTT
41201	ACCTTCATTA	CTTTGACTTA	TGAGTCTTGA	GGGCACGGCT	GATGACTGCA
41251	AAGAGAAAGCA	TCCATGTAGC	TGGTGTCTGA	GCTTCATGAT	CTGAGTTCCA
41301	TCACCGTCTA	CCTGAGGAGG	AGGTGGATGG	AAAAAACTGA	CAACTCAAGC
41351	TTGCTTTTGT	GACATCCACA	CATCTACTGT	AGTTTCTTGA	TGGACAGACA
41401	GACATACACA	CATACACAGA	GACAGAGACA	CACAGACATA	GACACACACA
41451	CACAGACACA	CACATACAAA	CATACACAAA	GAGAGACAGA	CACACAGAGA
41501	GTCAGAGAGA	CAGAGAAAAG	GAGAGAGAAA	TATGAAAAAG	TTCTGTTTCC

41551	TGGTCCCTAG	GGAAGAAAGG	GGCTGCAGGC	TACGTACGTT	CAATGACTGT
41601	TCTAGTTTGG	GAATCTTAAG	CAACTCCCCA	AGGCCATATG	TTGACTTGGT
41651	CCCAGAGCTG	AAGCATTATC	AGGTTGTAGA	AACTTTTPAGA	AGTTGGGCCT
41701	ACTGGGAGGA	AGTTAATTCA	TTAGTGAATG	TGCGTTTCAAA	GGTGATATCA
41751	ACAACCCGAC	ACCTCTCCTT	TCTTTACTCT	CTGGTTGTCA	CCAGGTGAGG
41801	AGTTTTCTTT	GTCTCACACG	TCACCATGGC	TCACAGACTG	AGGGCTCTGA
41851	AACGTGTGATT	ATCAAGGTCA	TTATTGCTAC	TATTTTGTTA	CAACAACAGA
41901	AAGCTAACAC	AATGACCGGT	GATCAATCAT	GTCTTTTAAAT	AAAATGACA
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42001	ACCCCTCAGA	AGACTCGCAT	ATCACAAACC	CATPAGACAG	TGGGTGTGTG
42051	AGTTAATATT	TCATCTCAAT	CAGGGGGTTT	CTACCCCACT	TTTGACCACT
42101	CGGTTCCCG	ATAAAAGACA	CAAAACTTTT	ATACTTATAA	TAAGCCCTTT
42151	AAGTACTAAA	GATGGACAGA	TATCTACCCC	CTAAGCTPAT	CAAATTTATT
42201	TCCCATCTAA	TAATTCCAAG	TTGTAAGTTT	CCATTTTTC	TCTGGGCTGC
42251	TCTGAACCTC	AAATGGCCAG	CCCTCAGGGC	CAAGTTTTC	TGATTCGCC
42301	ACCCCATGGT	GTCTTTTCTT	TTCTCTAECT	TCTCTCTCTC	TCCCTCTTCC
42351	TGGTTCTTCT	CCAATCCCAA	GCCTGGGAAC	AGAAATTTGCC	CATCTCTCTT
42401	CTGCCAGGCT	ATAGGCTGTA	GGCATCTTTA	TTCAACATCT	AGGATAACT
42451	TGGGGGGGGT	GAGGGGAGGA	TACAATAGTA	TCACTAGGGT	TTATGTGAGA
42501	ATCTTCTCAT	CCAGGGCCAG	TATTTAGCAT	TACAAACGCC	CAAACTCTAA
42551	CAAGTGTGTT	TCAGCTTTCC	TAACACTACA	GTACTTTTACT	ACAGTTCTCT
42601	ATGTAGTGGT	GACCCCGACC	ATAAAATTAT	TTTAAATTGCT	ACTTTGTAA
42651	TGTAATTTCTA	CTATGGTGAT	GAATTGTAA	GTAACACTCT	GTGTTTCTG
42701	ATAGTCTTGG	TCACCCCTGT	GGAAGCGCCT	TTCAACCTCC	AAAGGAGTCT
42751	TGACCCATAG	GTTGAGAATT	GCTGACACAG	GGGCTTCTCTG	TAAGGGGACC
42801	CCCTTCTTTG	GATGCCCTCA	ACTGGCTGTG	CATTGTGATA	CTGTATAACG
42851	AACCGCACAG	TGTTAAGTCA	AAATTGCACG	TCACTGTGGG	CCAGGCTCCC
42901	GAGACCCACT	GAAGTTCAC	AAGTTCATTA	CACCTGGGAT	AATTGGTGTC
42951	TGACTTTCCA	AGAAATCAGG	AGAAAGATAA	GCGCTGGATT	TCCCAGAGG
43001	CAGCTTCAGT	TGGCAGGATA	ACAGTGCCTT	TTCTGCCPTA	ATCCTTGTG
43051	CAAACTAGGT	AACCTGGAGT	GACCCAACAT	TAAACATATA	TTTTCTTATT
43101	CTTGCATCTT	CCAGCTTGAT	GCCTTTACCA	GGAGAGCAGC	CCGACACAAC
43151	AAAGTCACCT	TCTGTCTTTT	ATTTTGTGCT	TACTTTAGAT	CCCTTAACT
43201	ATAGAACAGT	GGTCTCAAC	CTGGGGGTTG	CATCCCTTTT	GGGGTCAAAA
43251	TATTCCTTTT	ACAGGGGTCT	CCTAAGACCA	TCAGAAAAAC	AAGCTATTTA
43301	CATTACTGTA	CATTACTGTA	TCAAAAGTAT	AGTTTATAAG	TAGCAATAAA
43351	AATAATTTTA	GGGTGAGGGA	CGGTCAACCA	AACATGAGGA	ACTATGTTAA
43401	AGGGTCACAG	CATTAGGAAG	GTGAGAACCC	ATTGCTATAG	CACCAAGCCC
43451	CTCTACTGAG	CCTACTAAAA	TACTTTGGAA	TGAAGTGTG	CCTGCCCTCT
43501	GAATAAAAAA	AAATATTAA	CTCCTGGGGG	TTTCTACTAG	TCAGTGATTG
43551	TCCGGAATGC	ACAGAACACT	GGATTGTGAT	TTTAGCACTT	CATAAAACTG
43601	GCCATGTGCA	CCTGTGATCC	CAGTGTGGAG	AGAAAGAGGT	AGAAGGACTG
43651	GACAGTCAAG	GATATCTTGT	CAAGGTACA	GGTACAACCT	ACTTTTGTG
43701	GTTTGCTGAA	TGGTGGTGT	GTCAAGCTGC	CTTCTAAATA	TTTCTATTTA
43751	TACTCATAGA	TTTATATTT	TCTCAACTTT	AGTCAGGAAG	ACTCCTTGTT
43801	CCCATTGGTC	AAGAGAGGCT	TGTGATTGGT	AAAGTACTG	AGAAATATGT
43851	CTGFTGTGTC	TCATCCTCAG	AGGAGGGATC	CTTATCGATG	CCTCTCAAAA
43901	GGTTAAGAGA	GCATCGCAGA	GGAGAGGGTG	GAGAGAACGT	GAAGGCTGGA
43951	GGACTGAAAG	GTGTGCTGTC	TTCTGGACAA	GTCATGGCCA	TTGGCTGCTG
44001	AACCTCATGAG	CTCACACAGT	GGTTACCTGC	GAGGCGAGAT	CCGAGCTCGG
44051	ACAGGGAAGG	GACTGCAATG	CTATTGGCTG	CTCTGACTGT	CTGGAATAGA
44101	GTGAGTCAGT	TTGCTTTGGG	AATGTGGTGA	CTAGAATGCC	CGTGTTCAGT
44151	GGAGGGCCCC	ACCCCATGCA	CGTATGGGCA	ACAGTAGTGT	GACTCTGTGG
44201	GTGTCTTAGA	CTTGCTGTCC	TAGGACTCAC	TTTGTAGACC	AGGCTGGCCT
44251	CCAACCTCACA	GAGATCCACC	TGCCCTTGCC	TCCCGAGGAC	GGGGATTTAA
44301	GGTATATGCC	ATCACCCGCT	GACTGAGAAA	GGAGTCCTAG	TTAAGGAATT
44351	GTTACAGTGC	GATCAGCCTG	TTGTGGATAT	TGAAGGATGT	TCTTCCCTGT
44401	TAATTTGATGT	TGAAGGTTCC	AGCCAACGT	GGGCAGTACC	ATTCCCTGAG
44451	CGGGTGGTCA	TGGGTGTGTA	GGTTATGGGA	AAGCTAGCTA	AGTGTGAAGC
44501	TGGGAGGGGG	CTCTCAGGTT	GCATGCCCTC	ACGGTTTCTG	CTCTACTCCT
44551	TGACTGTGAA	TGAGGTGATG	ATGTGTTGAG	TAGCAAGTAG	GTCTGCCCTC
44601	AAGACCTGTC	CCTGACTTCT	GTCAGTGGTG	GACTGTGTGC	TGGAAGGGTA

44651	ACCCAACAAC	TCCTTTTCATC	CTCTAAGTCA	CTTTTGGTCA	GTGTTTTATC
44701	AACGCAGCAG	CAAGGAAACA	AGGACAGCGC	ATCATAGAAG	GGAAAGGAGG
44751	TGGAGAGGGA	GGAGAGGAG	GGAGGGGGCC	TTGTACATTA	CATTGTAAGG
44801	TACATGGAGA	AGCAGGCTCA	GCAGTGGGCC	TGTGCTCCTT	GGTCCATTTC
44851	TGCTAGATGC	TGTGGGTGTC	CAGACAGAAA	TTTTGCTGTC	TGCTGTGCTG
44901	TCTATCTATC	TATCTTCTAT	CTATCATCTA	TCATATCTAT	CATTATCTAT
44951	CTATCTACTA	TCTATCTATC	TATCATCTAT	CATATCTATC	ATTATGTATC
45001	TATCATTTTAT	CATTTACCTA	TTACTTGCTA	TTCACTTTGT	TACATAAECT
45051	TAATAAATTC	TTTCATPCAA	AACCAGAAAT	ATCAATCATCA	TAGGTCAATTC
45101	TCTGGACTCT	TTGGAGACAT	TTTTGTTTTG	TTTTGTTTTT	TGCTCTTTTGA
45151	GTCTTAAGTA	TGGTTGGAGG	AGGGAGAATA	GGGATAGGAT	ATAATCAAAA
45201	TGTATTGTGT	ACATGTATGA	AAITCTCAAG	GAATAAGTTT	TTTTTTTTAAT
45251	TTTTTTAATGA	AAGTGCCTCA	TTTCAGTTGGG	TGTAGTGGCA	CATCTTTTFA
45301	ATCCCCAGCAC	TTGGGAGGAG	GAGGCAGGTG	GATCTCTGTG	AGTTCAAGGC
45351	CAGCCTGGTC	TATATAATGA	GTTCCCTTGAT	AGTCAGAACT	ACATAGTGAG
45401	ACCATATTTTT	TCGGGGGGGG	GGAAACCAAC	AACAACCAAT	CAACCAACTA
45451	ACCAAACCGA	GAGAGAGAGA	GAGAGAGGGA	GAGAGAGAGA	GAGAGAGAGA
45501	GAGAGAGAGA	GAGAGAGAGA	GAGAGAGAAT	GAATCCAGCG	AGACCTGTCC
45551	AGATTCTTCT	TGGCATCTCT	TTATGATCTT	CTTCCCTTTT	GTGTATGGAA
45601	AGAGATCTTT	CTAGAAGGAA	CTTATGATCT	ACCACCATAC	AGCTAGTGTCC
45651	AGAGAATTCC	TTTTATGGTCA	GGTCACAGAA	GGTCACAGAA	TCTGAATGAT
45701	ATAGGGTTCA	TGGATACCTT	TGGGAGGAAG	TATTTACAGT	TTTTATAGAG
45751	AGAGGGAGAG	GGAGAGGGAG	AGGGAGAGGA	AGAGGAAGAG	GGAGGTGTGT
45801	GTGTGTGTGG	TGGGGGGAGA	ACAAAGCACA	TACTAAATGC	TGGGAAAGGG
45851	TCAGCATTAA	TAATGATGAA	TTTTCTCATAG	CTACCTTTGT	TCAGGATATT
45901	GTCTCCATTA	CTTCTCTTAA	GCTCTCTACC	ACTCCAGTTG	GAGAAGAAAC
45951	TCGGAAGGGT	GCTGGAGGGA	GGGACAAGCA	GTTACACACA	AAAGGGCGAAG
46001	CAGAAGGAGC	TACGGAAGGA	TGCCCTACACG	GGCCCTTAAAC	CATCTAAAG
46051	CCAGACCCCC	CAAAATGGGG	CTGGAACGAG	GATGTTAGTG	AATGAAGTGA
46101	ATACATAGAA	CCATTAATCC	CATACCTGCC	TGCAAGTTGA	GGCTCTAGAC
46151	TGTAAGAGGC	ATACAATTGT	CTCTATAGCA	GTGGTCTCTA	ATCTATGGGT
46201	TGAGACCCCT	TTGGAAGATC	AACTAAGACC	ACTGAAAAAC	ACAGATGTTT
46251	ACATTTAAGT	TCATAACAAT	AGCAAAATTA	CAGTTATGAA	GTAGCAATAA
46301	AAATAAATTGT	ATAAGTAGGG	GTCAACCACAA	CTAGGGGAAC	TGTATTAAAG
46351	GGTTGCGGCA	CTAGGAAGGC	TGAGAACCTA	GGGAATAGGA	AGCTCCCTTC
46401	AGGATAACT	AGAAGAAATGT	CACTTTCCCT	CTAACATCTA	GACCAAGGGT
46451	TAAGGCCCAG	GAGCACGGGA	CCACAGGACA	GCTGGCTACA	AAGGGCTGTC
46501	TGGTTTTGAT	GATGCTATCT	ACAAGGCAG	GTTCATGTT	TTTTCTGCTC
46551	TTGGGGGCCA	TCTATCCTGT	CCAATATAGA	AAGTGGCCAC	TGCTCTCTAG
46601	CTCCATGTCA	GGAAAGGCCAG	GCCCTGAGGG	AGAAACAGGC	TGAGTTTTGC
46651	ATGGATCCCC	ACTGTGGAAT	CCCCTTGGCA	TTTTAAAGATA	CTAATAACAG
46701	CTGGGCAGGG	TTGGTGCACA	CCTTTAATCT	TAGTGCCTCAG	GAGGCAGAGG
46751	CAGGCAGATC	TCTGAGTTCC	AGGCCAGCCT	GATCTACAGA	GTGAGTTCTA
46801	GGACAGCCAG	GGCTACACAG	AGAACCCTGT	CTCAAAAAAC	AACAACAAAA
46851	CAGACAAAAAT	AAACAACAGA	AAGATGTTGA	TACCTGGGCT	ACACCCTAGG
46901	GACTCTGGCT	GAATTAAATC	AGGATAGTGT	AGACATTTCA	CTGTGGGATC
46951	CAAGGTTAGA	ACCAGTGTTC	TCTTGTTCAC	CTATGTTTTC	CGAGGACCCCT
47001	AGGCTAGATT	GCAGATGTAT	AGGGATGGTT	ACTATTAGGG	GCATTTCCCA
47051	TTATTTGGTG	GCTGATCCCT	TGCTAGTCAA	GTCTTCAGAA	TTCCAGGGT
47101	GGTGACGAGG	GCCAATCACT	AGAACAAGGT	GAGGTTGGCT	TGTGGAATCA
47151	CATCCTTCTC	TCCTGGGAGG	TCCTCAGGTC	AGGCTGAGAG	GAACAAGACT
47201	TGTGAGAGGA	TTCTGGGATT	GTGTTCCAGT	GCTGTTCCCA	GGTGGAAATT
47251	AGGCTCTGTA	CGGGGCTGGT	ACCCTCTTGA	TCACGGGATT	TCAAACAGGA
47301	ACACTGAGTT	TTTTTTTTTT	TTTCCAGCAC	TGTATTCCCA	GTCTTAAGGC
47351	CCACGTGGGC	CCAAGTTCAT	GAACATTTGC	CTTCCCCGCC	CTCTGTTCTC
47401	TGCCAGGCCG	AGCTGCTATT	CCAGGTACAA	CCTCAGATCA	ATTCTGCAAA
47451	TATTATCGGA	AATCTATTCT	CTGACAAGCG	CGCTACTAGG	AACCCGGAGG
47501	TATGTGATAA	TTGTTTGTGT	TATCAACAGT	CCCCTTGAAA	TGTTAAGACT
47551	GAACAAGTTA	TGCTTCTGCC	AAAGTTCAGG	TGCTTGGCCT	ATAAAATGTT
47601	ATCTGTGTGG	ACAGACTTCA	GTGCCAGTGA	ATCAAAAAAC	TTAGAACAGT
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47701	TAGGGTCCCC	ATATCATAAA	TCCTGCACAT	CAGATGTTTA	CATTATGATT

47751	CATAACAGTA	GCACAATTAC	AGTTATGAAG	TAGCAATGGA	AATAATTTTA
47801	TGGTTGGGGG	GTCAGCACAA	CATGATGAAC	TGTACTAGAG	GGCTGCAGCA
47851	TTGGGAAGGT	TGAGAACCAC	TGGAGTAGAA	GGATGCCCTGG	CCTGTATTAA
47901	GTACCTAATA	AATATCAGCC	AATGTTGTGTT	TTAAGACTCGT	TGTTGACTAC
47951	CATGTGAGCA	TTTGTGTTC	CTTGTGTGTT	ACTACTCCCC	GGTGGAGGGA
48001	CTTGTGGGA	AGGCAGAACC	CTGAAGATGA	CAITAAAGGC	CTTGTAAAGC
48051	AGACCAAGGG	GGAGTGTGTT	CCCCTAGTGT	TGTGTGGTGT	AACAACCTAGA
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48151	GACACATAGA	GCTGAGGTCA	TGCAGGCTGT	GAACCCGACT	TGTTAGTTGTT
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48501	AGTATGTGTA	TCACTAGGCC	AAAGAATAAG	AAACTGTGCT	GTGTTTTGTT
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48801	TTATATGTAA	GTACACTGTA	GCTGTCTTCA	GATATACCAG	AAGAGGGCAT
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49501	TATGGTGTGTT	TGGTCACAGC	AACAGAGAAG	TAACACATAC	GCTCACTGCT
49551	CCTGAAGCTT	AGCAGTTTGG	CCTGCCTGCA	TGGCCAACAC	ATTCCAGGGA
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50151	TGTGCGCGCG	CAGAGCCCCA	ACGAAGCCAA	AACAGAGAGT	TGGAATCCCC
50201	AAGAGCTGGA	GCCCCAGGTA	ATTGTGAGCC	ATCTTATACA	GGTCTTAGGA
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50401	AGAATATTCC	TAGTAATTC	TGGGGAAGCC	AGGTGTTGTG	CTGTAGGCCCT
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50601	TACAGTGTGA	GAGCCGTCT	CAGAAAAACA	ACAGAAAAAC	AAACAAACAA
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54051	TGTTACAAAA	GGCAACTCCT	GTCCATGCTG	GAGAGGTCCT	AAGATGGGTG
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54151	TACTCTATGT	CTGCTGATCC	TGTTTGTGG	GAGTGGGACC	TCACATCGCG
54201	AGATCATATA	CTTGGGCAAA	AGAGGGGATT	AATCTGGATA	TACCAAGGGC
54251	ATAAAATCTA	TAGAGTTTTA	ATCTCTTTCT	GCTTTTGAAT	GCCGGCACAC
54301	CAACCAATCA	ACCAACCTGA	GGAAGCCAAC	CCATAGGCCA	GTGGTTTGTG
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54401	CAACATCCAT	CCATCAACAT	CCACTTTTGT	GGGAAAAATC	ACTATGTCTT
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54551	CCTCCCTAAC	AAGTCCCTCT	TGTGGGGAT	GGCACAAGTA	GGATATTATG
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54801	AGTTCCCAT	CCCAGACAT	ACAGCGTCAT	ACAGGTTTGA	ATTCACAAC
54851	ACGGGGTCTT	TTGTCCCTCC	AGCCCTGTAT	GCCTTCCTTC	TTTGAAGTGG
54901	CTAAAAACAA	GTTGACCCAC	CTGGTTATCA	TGCTGTTC	TCCTGAAGCA
54951	TTTATACTCA	AAGACAAGGA	TCTAGTTGCC	TAAAGGGTTC	TCTGACGCTG
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55051	TTACATATGC	TCTAGAAAA	AGAACAGTCC	CAGCGTCAGA	GAGAGCTGAA
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55151	AGAGGGCCAG	AGGATAATTA	AATACGTGAT	TTCTGTCTAC	ATGTACGCCA
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55251	CTGTAAGCTG	GTAAGAGCTT	GCCAACTCCA	GTACTAGCGT	ACTGTCAATT
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55351	GACACTCCTC	AATGCAGGCA	ATGAAAGCAG	CTCTCTAGTT	CTTGTGGCAA
55401	CACCTCTGTG	CCCTCGCAGG	GTAAGAACAT	AGTAGGGATT	TGCCATAGTC
55451	AGTATGTCTA	CCAACTGAAC	AGACATGTTC	TTAGGACTCC	AGTAATAGAA
55501	TTATATCCCT	CTTTGACCTT	CTATAAGTTT	TATTTATTTG	TTTAAAAATT
55551	CTATTCTTTA	GGTGTGAGGT	GTTTGTCTG	GATGTATGTT	TCTGCATGTT
55601	GTTTCACTGCT	ACTCCCCTCA	GAAGCCAGAA	GGTGGGCACT	GGTCCCCTGA
55651	AACCTGGGTT	ACAAATGGTT	GTAAGCCACC	ATGTGGGTGC	TGAGAATTGA
55701	AGCCAGGTCC	TCTGGAAGAG	CAGCCAGTGC	TCCTAAACAC	TGACCTATGT
55751	CTCTAGCTGT	AACACCCTGT	AAATTTTAAA	GTTGAACCAG	AACCTCCCTG
55801	AGTTCTTGGG	CAGCCACCAG	TGGAAGTTTG	TGGTGAGAAT	GGTGTGTGTG
55851	TGTGTGTGTG	TGTGTGTGTG	TGTGTGTGTG	TGATCATTTT	ATTCATGTGA
55901	CGTGAAAGTA	AGACAAGCTT	CTCCATACTG	AGCACAACCA	AACTCTCTGA
55951	GAGTAGAAGG	GCAAGTGAAA	TACCAGCCAG	TCCTTAGAAA	GAATGCACTA
56001	AGTGCCAAAG	CTCTTTTCAT	GGATTATTTT	AATTTGTGCA	TATCTTGTGG
56051	GGCAACATAT	CTGTTCACTG	GGCACCAGGC	ACAACATCCC	CGTAATATAG
56101	GTTCATCAC	CGTCTCTCTA	ACTTGCCAAA	GGTAACATAT	ATAAAAAATT
56151	GACAGTTTAC	ACCTGGGAAG	TGCAATCATAT	AAGCCTTGAT	GATTTCATCA
56201	TTCAATTCAAT	CATTCAATTA	TTCAATTCAT	CTTACTTACA	CTCCTTAATC
56251	AGTGATGTCC	AGTGCTCCTT	ACATGTTAAG	GATGGTCTTT	GGTGTGCAAG
56301	CAGCAGCCAC	ATTTGTGAGC	AATGGAAGGA	AGACTACACG	ATGCTACAT
56351	TCTAGAAGAA	AAGAATAGT	GTGAGTTCCA	CAGGTAACAG	AAATTTTATT
56401	TAAGTTGTGT	TGGCAGCTTA	CACCTTTTCAT	GCCTGTGTTT	GGGAAGCCGA
56451	GGCAGGAGGA	TTCCTTGTAG	TATGTGGCCA	GTTTGGGCTA	CTGAGTGAAA
56501	CCTTGATCCA	AAAGGCCCTT	TGTCCTCCCA	AAATAAACAT	CAAAACAGTG
56551	AATAGCGTTA	GTGCCCTAGAA	GAGGGTTGTG	CGTGTGTGTG	TTTGTGTGTT
56601	GTGTGTGTGT	GTAAGATTCT	AAATTTGGTG	TCGAGTCTTG	CTAAGAAGGC
56651	AACATTTAAAT	AAAGATCTAA	GGGGGACTGG	CGAGATGGCT	TAGCAGGTTAA
56701	GAGCACTGAC	TGCTTTTCTG	AAGATCTCTG	GTTCAAATCC	CGACAACCAC
56751	ATGGTGGCTC	ATGAGATCTG	ACACCTCTTT	TTGGTGGCTG	TGAAGTCAAG
56801	TACAGTGTAC	TTATGTAATA	ATAAGAAATA	AACTTTGTAG	CCGGAGCAAG
56851	CAGGACTGAG	GCGAGCAGAG	GTCCATAAAT	TCAATTCCCA	ACAACCACAT
56901	GAAGGCTCAC	AACCATCTGA	ACAGCCATAG	TGTACTCACA	TACATAAATA
56951	AATAAATTTT	GGAAAAAATA	AAAGATGTAA	GGAATGTACT	CAGGAGTAAA
57001	CCATAAAGAT	GTCTGAATGA	ACACAAGTCG	TGGAACAGAC	AATTGGACCA

57051	GAAGCAGCAG	CAGAAGAGCA	TTTTAGGAAA	GGCAAGGAGT	CCAGAATGCC
57101	TGAGACTGAG	GCTGACTGGG	GCAAGAGTGG	GCTATGAGTA	TAAATAGGCC
57151	TGGGACTCAA	GGGTGTAGGA	AACAAGATCC	GAAAGGTAAG	TGGGAATGGA
57201	TCCTGAAAGA	CCCTGCAAGT	GGCAGGGCTT	CGTCTTTTAT	TTTGCTCGAA
57251	TGTAGTCATT	TGGGTTGGGC	CAGAAGAAAA	CAACCCAGTT	TCCACACGTT
57301	AACTCTTGCT	TCTCTGTGCA	GGAGAGGCTG	CAAAGGGGCG	AGGAAGCCAT
57351	GGAGAGAGCA	CAGCAGTGAC	CGGGGCAGAG	GTTAGGCTAG	TTTGTCCTCG
57401	TGTGCACTAG	ATGTGTGGCA	AGCACTTCAA	GTCATAAGATT	GTTGTGAAAC
57451	CTCGAGTGGG	AGGATTGGTC	GACGGGTGTG	TATGGGAGCA	ATTGGTCTGT
57501	TGATGCCCTG	AGCCTTTTAG	CCCTAGCGAC	TGAATCTGGG	TCCCTGGCAG
57551	GAGAGGCAGG	GCGGTCGAC	AGGAACAGCA	TGCTTTTGT	CTAAGTGGGA
57601	GGGTTTATCA	GGGCTCAGTT	CAGGGATGTT	TAATTAGAAA	TACCTATTAG
57651	GCGTCTCCAA	AGGTGATGCT	GAGAGCTCAG	GAGAGGGGTC	CTTCAATGCC
57701	GAAGTTCAGA	GTCACAAGA	TACGCTCTAC	TTTCAGGGCA	CTGAAGACAT
57751	TGATTCACAC	ATGACTTTGG	CAAAATGATG	ATTATCAAAC	ACACAAACCA
57801	AAACCAAAAT	AAATAAAATA	ATAAACAAAT	AAATAAACCC	ACACACAAAA
57851	AAACTAGATT	AAGAATGTCA	GATTTAAAAA	TCCACCCCTA	TTCTGCTACC
57901	CTCAAAATACT	TGATTTGCTT	TCTCTATATT	CCCTCCTGGT	TTTGCCCACT
57951	GGTACACATA	ATTGCACAAT	GCCGTTCAC	CCTATTGCTT	TGGCAGGAAC
58001	TCATAGACAT	TTCTTAAATG	GCTCTACAG	TGCTCAAAGA	GGATTTGAAA
58051	GGCTGACAAA	ATGTAGGGCA	TGGAATAGGC	TAGAAAGAAA	AGTTGAAAAA
58101	TCCTAAATAG	TCTGGTGACC	TACGGTAAGC	TGTGTGCCCTA	CCGTAATCTT
58151	TGTGGCCAGT	GACTCCTTGT	TTAGGAGACT	GAACTTTGAG	ATGAATTGAGG
58201	GCAAGCCACC	TTTGACTCAG	TCAGGGAGAG	ATTCTAGAAA	AAGAGGGTCT
58251	GTGCAAGGCG	CCAGGAGGGA	GAAAAAACA	AACAACAAC	AACAAAAAAA
58301	AACACATGCT	ATGGTTTGAA	TGGAATAATA	TCCCATGAAG	GCTTATGTAT
58351	TTGAGTCACT	TCTTAGCTGG	TAGCACTCAC	TTTTGAAGGC	TGTAAAGCCT
58401	TCAATCTGTG	GGTCTACACC	CTTTGGCAAA	CCTTGATCTC	CAAAAGTACA
58451	TAAGCACAGG	CACACACTTC	CACCTTCTCT	AGGTTTTCCT	ACCAAGAAAG
58501	GATCAACCAT	TCATAAAATG	TTGGTCCCTAG	TGAACCTGCA	ACATTGTAGA
58551	GGCTTAAAAA	GTTTAATTG	GGCCTCCAAC	TCACCTACCA	GGAACTCCGA
58601	CGGGATCCGC	GTTTCCGTTT	ATGCTAACCT	TTTACCAGCA	TCTTGTTTTT
58651	AAGTTTACAG	AAAACGTTAG	GGACCTAAAG	AAGGTTCATTA	CATTACAGTA
58701	CATTACAGTA	CAACAGAAGT	TACAAAAGTAG	CAAGTAGGGG	CTTTGGGATT
58751	TAGTTCAGTG	CTAGAGCGCT	TGCCTAGCAA	GTGCAAGACC	CTAGGTTCCG
58801	TCCTCAGCTC	TGAAAAATCA	AAACAAAAACA	AAACAAAGTA	GCAATGATAA
58851	TAATTTTATG	GTTGAGGGGT	CACCATGATA	TGAGGAACTG	TATTAAACCG
58901	TCGCTGCATT	AGGGAGGATG	AGGACCACCT	TGGGGCTCAG	CTGAAGGAAG
58951	TGAGTTGCTG	GTGTAGGGCA	CCGGAGTGCT	AGATGTAAAC	CGGTTTCCCT
59001	TCTCCCTTCT	AAGGCTGACT	GCACCACTAA	TTCTTGCCTT	CCGTGGAGGG
59051	TGCTTTTCCG	GCTCCAAGCC	TTCTTGCCTT	GTTGTGAATG	GTGCTGTGAA
59101	CCATGAACCG	AGATCAATCT	TTCTTCCCTT	CCATCACCTC	TGCCAGGTGG
59151	TTTGGTTCATA	GTACTCAGTA	GAGTAAGGAG	GCTGGAAGAT	TTACTACACC
59201	TGACAAAAGAA	AAATTAATCT	GTATGATCTC	AAAAAATAAA	AAAAAATAAA
59251	CACCACACCC	AACAACAATA	AAACCAACAA	AAACCAATAA	CCCTTTAGGA
59301	GTGCAGAAGC	ACAGGCACAC	ACTTCCACTT	CTCTGAGGT	TTTTTACCAA
59351	GAAAGGATCA	ACCAATTCATA	AAACGTTGGT	CTTAGTTATC	CCTGACACAT
59401	GTAGAGGCTT	AAAAAGTTTA	ACTTGGGCCT	CCAACCTCAC	ACACAGAACT
59451	CCAGAGGGAT	CCGCCTGTCC	GTTCATGCTA	ACCTTTTACC	GACACTTTGT
59501	TTTTAAGTTT	ACAGAAAAAC	TTAGGGACCT	AAAGAAGGTA	AGCATCTCTG
59551	TAAGTTACTC	CCTGGCTTTA	CACAGGCTTT	CTTAAACTTG	AGTAAGAGCG
59601	ATCCTTTCCCA	TCAAAGATTTC	CAGGAAACAA	GCCTCCCCC	TCCGCGGCCA
59651	CACATACGAA	TCTATCGCTG	ACAAAGCCCC	TGTAAGCTGG	CTTATGTCTT
59701	CCCCTCGCGT	TCAACATTCT	GTAAGTGCAT	AGAATTATTT	AAGAGGAAAA
59751	AAATTTACTGT	GGATAAAAAA	TGGTTCCGGG	CCCTGGAAAT	GGCCGGTCTG
59801	GTTGTGTTTC	CTTCCAGGCG	CGGCAGGCGG	GGCACCAGCC	AAGGCTTGGG
59851	AGCCGCGCCT	CTCTCAACCT	CTCCTGGCCA	CCCTTGCCCA	ACTTCCCCAT
59901	AGACACAGCT	TCAACTAAAA	GTGGCCATTG	ACCTTTTCAAG	CTTTTGAGCA
59951	GTGGGGCAAC	AGAACAGTAT	TTCAAAGAAA	AATGGTTATC	GAATTTTCGA
60001	ATCCCGTTTT	CCCATGAGTG	TTTTTTTTTT	GTTTTGTGTT	TTCTGTTTAA
60051	AAAAAATAAA	GTAGGTCACA	TTCAAAGTGG	CTCAGGTTTC	AGGAGCCGGC
60101	GTGCCTGGAT	GCCGCGCGCG	AGGCTAGGTG	GCCTCTTACA	GAGTGGGAGG

60151	TGAGGGTCCC	AATAGGAAAG	AAGTACTGGG	ATCAATACGA	ACTCCGGGTC
60201	CCTGGCTTTG	CAAGGATTCa	CAGAGACAAA	CGCACCAGGC	CTGTGACCCC
60251	GCACCCCAAC	CGGGCAGAGG	TAAGGGCACC	TCCTCTGTAG	GGTGCCCAAG
60301	GTGGGTCTCC	CGAAGGGCAA	GCAGGAGTTG	AGCTGAGGAG	GAAACGAGAA
60351	GCTGGGCAAG	GC'TGATCGAG	GGGACTACCA	GT'TGGAGCTC	CAGGGGGGAG
60401	GGATTGAGGG	CAGTCTGCGC	AGCTTTAAGG	AGGCGCTCAG	CTCGTCTCTT
60451	TCCTGGCCTT	CTAGGATGCT	GGCGGAGGGG	ACAGTCTCTG	GTTCGCTTCC
60501	CGAGGTGCCC	GGGAGTGGTA	GTCGACCTGG	GCAGTGGCGT	GCTAGCTCTA
60551	GC'TCTGTGTG	TG'TCTTAGAG	AGGGAGGGAC	GGACATCTGA	GCCCCGCCCC
60601	CTTCCCGCAC	GCTGGTCTGT	CATCCACAT	GGAGGAGAGG	AGGGTCTGCT
60651	CTGGCAGGGC	CACAGCGGGG	TGGATGGCTG	GCCTAAAGGT	TCCCTCTCTA
60701	GTGGAGGGCT	GGGGAGAAGA	GGGGCTGCTA	TTCGCGGGAC	CGAGGTGCTC
60751	AGCTGTTGCA	GACACAGGGG	CAGGTACTGG	TGGCTTAATA	GGCATTTGGT
60801	GGGGACTTCT	CCT'TGTTCC	GAGCACCCCG	AGGTGACAGG	TCAGAGGAGG
60851	CGCGGAGTCG	AGGCTTCCAC	CCCCGAGCCA	CCAGCACCAG	CACCCGACCC
60901	GGCTCTCTCC	ACCCGGCTCC	CTTGAAGCCT	GCGCATTAGC	GGCCGGGGCC
60951	TC'TTTAAAGC	GCTGGCGGGG	GCTGCGGTCA	CGTGAGGCGG	ATTCTCTGAA
61001	AGT'PCTTGA	AAGCGGCCCT	CGCCGCGGCC	GGCGGGGGCG	CGAGGGGGCG
61051	GAGGCGGGGA	CGGAGGGAGG	CGCGTGGGGG	TGGGAAGTCG	CGCGCACACT
61101	CGGCTCCGGG	GACAGACGGT	TAAC'TCTTGC	CAAGTCTCGC	CGCCTCTGCG
61151	GC'TPCCCGGG	CTTGGGCTTC	CCCCCTGAAG	CATGAGCCTT	TCCCTCCGCA
61201	GCCGCCAACG	CTGCGCGGGT	CTCGGACAGT	GCGCGCCGGG	ACTCCAGGCG
61251	CGCGCCCTCA	AGATCCCTTG	TGCCCGGAGC	CCGGAAGCTT	GGCGGAGGTA
61301	CCGCTCGCGA	AGCCCGAAGG	TTCCGCCCCG	GGGGACAGTG	CGCCGGAGGG
61351	CGCGGGGGTG	CGAGCACGGG	GGCGGCGGCG	GACCGCCTGG	GGGTCCGCGA
61401	TTT'PAGGCGC	CCCGGGAGAG	TTCAAGTCGG	GCGTCTCGCC	CTCCCGGACT
61451	CAACTGCCTC	CTCTCTCCCG	GGT'TCCTTCT	CGGTCTCGGG	AAATTTTCCG
61501	AGCACCCCCA	CCCCCAACAA	ACTGCTACCC	AAATTTATAA	TCCTAATAAC
61551	CTGATCTCCC	GCTCCTCCCC	GCCAGCCTCC	GCCCTTGCCTC	CCCCACCCCA
61601	CCCTCTCTCT	TTCTTCCCATC	TCCTCCGCTT	CAACTTGGAG	GAAACCCCGG
61651	ACTGGCGAG	AGGGGTGTCA	GCCTGGGGCG	GAGAGGGGGG	GGGGAAGCTA
61701	GGCGACGATC	CCTGGGATTT	TTGTCTGCCT	TTGGCGCAGA	AAACTTCGTT
61751	TGCT'TTTACT	GAGCGCAGAG	CCGAT'TGCAT	CCCCAGGCAT	CTCTCTCCAC
61801	AAATAAACCT	CACCCGGGGA	ACTCAGACGG	ACACCCCTCC	TGTGCCCCCTG
61851	GCTCCCCCGC	CCCT'TGTCCG	CTGGGGAGGC	TGCCCTAGTGC	GGAGGGGGCA
61901	GTCGCGGGGG	TGGAGGTAAG	ACCTCAGTCC	CAGTTGATGG	CATGGCCCGC
61951	TGCGCTCGCT	GTTGCGGGCT	CAGCCCCGGC	CTCATTTTGA	GTCTCCGGCG
62001	GGGCTGCACG	CTCCGGCCGA	TTCTCTGACA	GCGCCCGCGG	CGGCAGCCCG
62051	AGGAGCCGCG	GTCCGCGT'TT	TGGAGCGACC	GCCCGTGAGC	CCCCCATCTT
62101	CGTCTGGAGC	GTGCTCCAGG	AAGCGGCAGG	AGTGGGGGTG	AGGCCGCTCT
62151	CGAGGGCAGG	ATGCAGCGGC	TGGCGCGCGG	CTAGCCGACC	GGGACACCTT
62201	CGGCTGGCGA	CCCAGGAGCC	CTCGGCGGCT	TTAGGGCGGT	GAACCAAGTT
62251	TTGCCGGATG	CATCCTCCCA	AGGGCCCTGG	GGCTGCTCGA	AATGTAAGAT
62301	GGAATATGCA	AGTGCAAGAG	ACTGCCCGGT	TC'TTTGTGTA	ATGTTTTCCT
62351	CCCCACCCCT	ACCCCCCACT	TGCCCATGAC	AAAGGCGCTAT	CCATCCGAGT
62401	CCGCAGGTGA	CTGTTTCTTG	GGCTGCCTGT	GTGTAATATCC	TGACCAACAGT
62451	TCTTTCGGCG	GAAAACACCT	TGTTTACTCT	CATCCTGTCTT	CCCTCCTCAC
62501	CCCTCTACTC	CGGCCAACCT	TAGTGTCTTG	GATCTCTGCT	CTTTTATACC
62551	GTCT'TTCCCC	AGAGTTGGGC	AGGGCGTTAG	CTGGATGCTC	GGGGTTAAAT
62601	GGTACAGAAC	ACGCAAGCGG	AGGAGTCCCT	GGGAT'TT'PCC	ACGTGTCTGT
62651	TTACCCACCC	CCACCTCGCG	CGTAGGGGTT	CAGCCACAGC	TGACCCCAATC
62701	TCTGT'TCCAT	TGTTTCTTCA	CAGGCGATCT	GTGGGTGACA	GTGTCTGCGA
62751	GAGACTTTTG	CACACCATTC	TGCCGGAATT	TGGAGAAAAA	GAACAGCCCG
62801	CTTCCAGTCC	CCTCCCTCTC	CGCCACCATT	TCGGACACCC	TGCACACTCT
62851	CGT'TTTGGGG	TACCTTGTGA	CTTCCAGGCA	GCACCGCGAG	TCCACTGGCC
62901	CCAGCTCGGG	GACCCAGCTG	TCTGGGACGT	GT'TGACTCAT	CTCCCATGAC
62951	CCTGCGGTGC	CTGGAGCCCT	CCGGGAATGG	AGCGGACAGG	ACGCGGAGCC
63001	AGTGGGGGAC	CGCGGGGTTG	CCGGAGGAAC	AGT'CCCCCGA	GGCGGCGCGT
63051	CTGGCGAAAG	CCCTGCGCGA	GCTCAGTCAA	ACAGGTAGGG	AGCTGGCGGC
63101	TGGCGGAGAG	TGCGAAACGG	GGCGTCCCCA	TCCCCACCTT	ACCAAGGCGG
63151	GTGGCGGAGA	GCGCGGCTCG	GACGCGGGCC	CAGGTTGGGG	GCAC'TGAAG
63201	CGATGGAAC	ACTACTCTCT	GCGTCCGGTC	TCCGCTCGGG	GAACCGCAGA

63251	GAGGGATGCC	CGGATCTTAG	GTGACCACAA	AAGCAAAGTG	GAGGGACGCT
63301	GAGGC'TTGGG	CAAGGGCCGG	GAGCGAGCTG	GGCTCATTTT	GGAAATG'TTC
63351	CCCCAGCACC	TTGGAGCCCTA	GGCTGCT'TTC	AGCCGGAGCT	CCCCGTCGCT
63401	CCGGCGTGGG	AGAAAAGCGG	CCAGCGCCTC	TC'TTAACTGG	CCCGGTGGCG
63451	GGGCGGCCAG	TGGGCTGTGC	TGCGTCC'TGT	CTGGGCTGTG	AGCGCTCCCG
63501	AGAGCACAGC	CGCCTCTGCG	GCAGCCCGGG	TTGATGGCAG	CCAAGTTCAG
63551	ACTGTATGAA	TCGCAGCTGC	TGGGGTGGG	GGGTAGCCTG	GGCCGAGTGC
63601	AGCCTGCTCC	CCGCAATGCG	GAAAGCACCC	TACATCTGAA	AGCAAAAGAG
63651	AGAAAT'TTAT	ATT'TTCTCCC	AATAGCTCGA	AAACAATT'TG	AGCTCT'AAAA
63701	AATCTGGCTT	CTGAAAAC'TT	ACCTTTGAGG	CAAGACAAC'T	TTTGTAGCAG
63751	TAGATCTTGG	GAGAGGAGAA	AAAGT'TCCAG	TCTTTCC'TTT	CGGCCCTGGG
63801	CT'TTCTT'TGG	GAAAAGT'TTC	CGGTAATATT	TTTT'TGTTGC	GGGGGGGGGG
63851	GGTGGCGAGA	GGGGAGCTGT	CGGCTGAAAC	GGAGGGGGGG	ACAT'TGTTCA
63901	AAGTTAT'TAA	ACGAAGTATC	TTGAGT'TACT	TTTGTAA'TGT	AGGTT'TAGAA
63951	TC'TGGTCAAG	ATGAAT'CAAA	TGGAGAT'TTC	AGAGAGCAGG	GGT'TAT'TTTG
64001	ATCCAGGCGA	AAGT'CCAAAA	GAGTATAGTG	AAGACTGTAA	TGTA'CTTCTG
64051	CTCTTCTCTG	GAAACTGAGC	TAGT'TGTAAT	CAAAGCAGTC	AACAGGAGTG
64101	CCCTCCTAGGG	CTTCTAAACGG	AGGCTAAATG	TTACAAAGTTT	TTTGGGGGTT
64151	GGT'TAGAGGG	TACACGACCA	GTCAAAAAAA	AGTTGCTTCT	GTTT'TTAA'GT
64201	GAATTATCGG	AGATAAGCTT	TCCACT'TTGT	CCCCTAAC'TT	CTAAT'TTAGT
64251	TC'TGATTTAC	TTAGGTT'TTT	GTTTCAGTTA	AACTGTACTG	AAAGGTT'TTT
64301	TTTTTT'TTTT	TTTTCTTTGT	CAGCCAATAT	GTCTGTCATA	TTGCAAAAGT
64351	TCTTTT'TAGCT	CAT'TAGGAGA	AAACCTTAAC	ATAAT'TTAAA	GAAAAGCTAC
64401	AGAAAATCAT	TTGAAAAAGAA	AAAAAT'TGCT	TTACAGT'TGT	AGCTTAGAATG
64451	GAC'TTAAGTT	TTTATTA'AAAT	ACT'TACCCAG	AGATT'TGTGT	TAGGCC'TTGG
64501	TAAACT'TTAA	CTCACAGGCT	TTAAAA'AAAA	AAAA'AAAAAG	TGTA'CCAAAG
64551	GAAAT'TAGTT	GAGCACTGTG	GTACAGGTTT	ATAAA'TCCCA	AGACTTGGGA
64601	GGT'GAGTGAA	GAAGAACAAG	AAGGT'TCAAG	GT'TATCCTTG	GCTACAAAGT
64651	AAAA'TTGAGG	CCAGCCTGGG	CTACAGGCTG	CCCTGTCTCA	AACAAAGCAA
64701	ACCGACT'AGA	AAAACGACTG	CCAAGTACAG	ACCATACTCT	AAAAAT'TC'TT
64751	AATAATAACT	ATTTCAC'TTT	CTCTTCTTTT	TCTTT'TTGA	ATGAAA'AAAC
64801	CCAGGATGGT	ACTGGGGAAG	TATGACTGTT	AATGAAGCCA	AAGAGAAAT'T
64851	AAAAGAGGCT	CCAGAAGGAA	CTT'TCTTGAT	TAGAGATAGT	TGCGATCTCAG
64901	ACT'ACCTACT	AACTATATCC	GTTAAGACAG	CAGCTGGACG	GACTAACCTG
64951	CGGAT'TGAGT	ACCAAGATGG	GAAATTCAGA	T'TGGATCTTA	TCATATGTGT
65001	CAAGTCC'AAG	CTTAAACAGT	TTGACAGTGT	GGTTCACTCG	ATTGACTACT
65051	ATG'TCCAGAT	GTGCAAGGAT	AAACGGACAG	GCCCAGAAGC	CCCACGGAA
65101	GGGACTGTTC	ACCTGTACCT	GACCAAACTT	CTGTATACAT	CAGCACCCAC
65151	TCTGCAGCAT	TTCTGTGAC	TGCGCAT'TAA	CAAA'TGTACC	GGTACGATCT
65201	GGGGACTGCC	TTTACCAACA	AGACT'AAAAG	ATTACT'TGGA	AGAAATATAAA
65251	TTCCAGGTAT	AAGTATTTCT	CTCTCTTTTT	CGTT'TTTTTT	TAAAA'AAAAA
65301	AAAAACACAT	GCC'TCATATA	GACTATCTCC	GAATGCAGCT	ATGTGAAAGA
65351	GAACCCAGAG	GCCCTCCTCT	GGATAACTGC	GCAGAATTC	CTCT'TAAGGA
65401	CAGT'TGGGCT	CAGTCTA'ACT	TAAAGGTGTG	AAGATGTAGC	TAGGTA'TTTT
65451	AAAGT'TCCCC	TTAGGTAGTT	TTAGCTGAAT	GATGCTTTCT	TTCC'TATGGC
65501	TGCTCAAGAT	CAAA'TGGCCC	TTTTAAATGA	AACAAAACAA	AACAAAACAA
65551	AACAAAACAA	AAACAAAATG	TCCCAAGGAA	AGGCAAGAGA	ATATTCCTGT
65601	CAGAATGACT	TGCGTTTGT	TTTTGGGTTC	CTATGCACCT	GGTCAAAAGT
65651	CCAAGCTCCA	TAGGAGAGAA	AGAAAGGCTT	CCAT'TTCCAG	GAGGACAGCT
65701	GAAGGAGGGA	AAGACCTTGG	CTGACCCAGG	CTTCAGCTCC	ACT'TCTAGAC
65751	GCTGGGGT	CAGTCTGTGT	TAGAACCTGT	TATAGT'TTGT	ATCC'TGATGT
65801	ATCTAGTAGG	AGT'TCCGTTA	AGCTGACCAT	GCT'TGTATTT	ATCCCTCGTC
65851	TTATGCAACT	AATCAAATCA	ACCAAAAAAA	GGAAAA'AAAA	AAAA'AAAAAA
65901	GAAACGAAAA	AAGAACCATC	ACCATGAGAT	CTGTAT'TTG	TC'TTTTTTTA
65951	CTACACGTAT	GACCTCCCCC	GTGAGTGAAGT	ACTGTAGTCC	TCCATCTCAA
66001	GGCAGCCTTA	CTTCAGACAC	ATT'TCAAAC'T	GGTGC'AAAC	AAAAAGACTT
66051	CTCTCTTTTC	TTCTGAGGCT	AAAGACAAGA	ATGTCAGCCT	ATACAGGTGC
66101	AACTCAATCC	TTGAAAACAG	AAACCAATGC	AGACAGAGAC	ATT'TTACCCC
66151	TTGATGTAGC	TGTGAGTCCC	AACCTAGTGC	CAT'TGT'TTT	ATT'TTTATTT
66201	TTAT'TTTTGG	AAATGGCTTT	AGAAC'TTTC	TAGT'TATCCT	TGAAT'TGTCT
66251	GACCACGGAC	ATCAACAGCT	GCC'TCCCTTC	TACCATGTAG	AATCCTATGA
66301	CTTAAC'TTTT	CTTCCAGATA	TAGAGGGGTA	CCTGCCTGTT	TTTCAAAGTG

66351	TTTATTTACT	GCTGTTACTA	TTTGATTAGA	ATGTATCAAA	TAAAAACAA
66401	CCTGACTTTT	ACAAGTTGCA	CTCATTACTT	TGAGTTGTAG	GTGTACATTT
66451	CCATGCTAAT	AAAAGGTCGC	CATAAAAACT	CATTTATCAAG	TGAAATAAAT
66501	TAAAGCAATCA	GCTCAGGGTA	GAACATTAAC	TCGGCTTGCTT	CCAAATAAGG
66551	CCCAACACCTG	CTCTATGTGT	TTTAGAAAGC	ATGTTTCACA	GGCTAGGAAT
66601	CGTCAAGACA	CGCTGATCAT	GTGCAGGCCG	GATGGGCACA	ATCCTTTGTGC
66651	ATTTCAAAAG	CAATGGTTTA	GAAGCGATAA	AAGTTACGTC	AGGGTCTAAA
66701	CTCTAACAAAG	TTCCGCGAGCC	GC'TTCTCTT	GGCCACCCAG	TCTCACAGCT
66751	CGTGTAGCAT	GGCATCTTCT	CTAGAGTCTA	GACACTGTGT	CTCTTGCCCG
66801	CCTGTACATG	TTTCTCTGGCC	GGGCCGTAGG	TTCTCTGTGTG	TCCAGGGTGA
66851	AAGGAGAACC	TGGGGCGTCA	TGTGCACGCT	CTAAGTGAAT	AGGAATTTAT
66901	AAAAGTGCAG	AATAATAGAA	CTGACTTACC	TTGCAGGGTT	TGAAGTCCCC
66951	AGTTTTCACAC	CAGGAAGGAA	ACATTTAAGTT	TATCCAACCT	GGATGGATTTG
67001	CTGGGTGTGG	CTTGGGAAGA	GCCTGCTTCG	CTCTGCTGGG	TGGTGGGGCA
67051	ATACTAGGCT	TCCCGCTAGG	ATACTTAGAT	CTCCCTTTTG	CACACTGATG
67101	ATGATGGTTC	CTTGGTAGAA	CGCTTGGGCT	AGCAAGGGCG	TTTGTGGAAT
67151	CCTTTTCAGG	TCTCCCTGCT	GTTCTCTCAG	TATTTGGGAGT	GAGGAGGCAG
67201	TCAGAAGACC	CTGTGCCTGT	GGAGTTATGA	CAAGCTCCCC	AGTGTTCGCT
67251	TACAGCGCTG	CAGGTGTGTG	TGTATTGGGA	CCCCAGATTG	ACTGCTTGGG
67301	GC'TGTGATAT	GGATCACCTT	ATCTAACTCT	AGTCTGTATG	GCAAGGAAGT
67351	TGATAGGCAT	CAGGGGACAG	TTTTGTTTTG	TTTTTGTTTT	CTTGCTTTAT
67401	AGTTTTTAAT	ATATTTACTG	AGTTCCTTGT	GTGCCAGCCT	CTGACTCAAT
67451	ACTTTCATAAT	ATCTCATTTG	ATCCTCGGAA	GGACCAAAAG	AGCAAAGTCC
67501	AGGTATTATG	GGAGATGAAT	AGT'TCCACAC	TGATCCAGTT	AACAAGTTAG
67551	AGCAGGCTGT	AATAGCAGTC	TTTTTGCCTG	GGCCTCAACC	AGACTAGTGC
67601	AGATACTGTA	ATTAGTGTTG	CGTCTCTCTG	CGCTTTAAAA	ACATTTAGTA
67651	GAAGTGGTTT	CTTGGTGCAT	GTGTGTATGT	GTATGCATGT	GCCATGTCAAT
67701	ATATGTGGGA	GGTGTGGCAC	AGCTTCTCCG	TTCTTGCCTC	TCGCTGCGTG
67751	GGCTCCAGGG	ATTGGACCTC	AGTCTTTTAC	GACAAGACCC	CTTACCATTG
67801	GAGACATCTT	GTCAGCCCTC	CAGTCAGTCT	GGCCAAATGG	TTTTTTTTTT
67851	TTGAAGATCC	CTGAAATAAG	TGGTAAAGTG	GGGGTGGGGA	GGGAGTTTGT
67901	CCCCTTCTCTG	GGTGACTACT	AAATGATGCC	AGGTATCACT	GACTGTCCCA
67951	TCTAACAAACA	GAACAAAAAC	TGGATTACCC	CAAGGTGTCTC	TCAACAGAGG
68001	CTGGAAAAAT	TCTCTTTTAC	TGTTTGTTTT	CTATGGGGGG	TGGTGTGAAG
68051	CATTAGTAGAAT	GACATTTTAT	ATTGAGATTC	TAATTGTTTGC	TGTTCTTGTG
68101	GCCTGTCTCTG	TGCTTGTCTG	CAGGATTTGT	GTATCCACCC	CCGACTTCAG
68151	TGACTGCTAT	GAGTTTCTGT	TCAGAGSACG	CAGAGGTGAA	GGAGCGTATG
68201	TCATCCCATC	TAAAGTTACC	AACACAGATA	ACAGATGTAA	TGACATCTGC
68251	TTTTCTTTTTA	GAACACAGGA	CCCCAGTTT	GTGTGCGCTT	GGAGGTCTTG
68301	CTTAGTGTTA	TTAGTATGAA	GGTTTGTACT	TCATCGTAAT	TACATCATTC
68351	AAATAGGTGA	CAGAAAGGGA	CTGTTGGTTG	TTCCACACGG	TTTTATTTCT
68401	TGGGAAGCCT	TTC'TTCCCC	TGCTTTTAGA	AAATTGTACC	CTGCTTGGCG
68451	GAGGGTAGGA	GACAGACACG	TCATCAAGTA	ATCCAAGGGA	TGGAATGTCC
68501	CGAGAGCAGA	CTATGCCCTT	CTGGTTGTGG	GTTTGGGCAC	AGGGCAGGAG
68551	GGGGCTGTGG	CTCTAACAGC	TGGGCCGAAG	CCTCATCTGC	TCCCAGAAAT
68601	CCTGTCCATC	TTCTAGACCT	CTACCCAGAA	TGTGGCTCTG	CGCTGTFCAT
68651	TCCCTCAGAG	GCTCTGCGTT	CTCCTCATCC	AGTTGTTAAC	TCCTTAGAAT
68701	CCTGGAGTCC	GGAAACACT	GTTTGGGTCA	CTCAGCCCAG	GTCTCTTATA
68751	GGAACAGAA	CATTTCAGAT	TCAGGACTA	GAAATCTAGT	GACCAATAGG
68801	GCAACATACA	AACCCAGAGC	TTAGGTCGGG	TGGAAGCTCC	ACCTTCTGTC
68851	CCTCCCTTCA	AACCCCTGT	GCCCTTCTT	CTGTAGATTG	CTGTAACCTA
68901	AAACTTGCTT	CCTCTGACAT	GCAAAATCAG	GTTTGGGAT	GTCAACACAG
68951	CAGGATCACT	TCAAATCTTA	GCTCCTGCC	CACCTCTCCAG	GATTACCCCT
69001	TTTTGTGCTGA	TCCACTGTAT	AATGAGATAT	GTATTAAATTT	GAATTCCTTA
69051	GTCTCTTTTT	TAATCATTTT	GGAGATTGAA	CGTAGGTCCT	TCCCCACGCT
69101	TGGCAAGCAT	CCTACCGTTG	AGCCACATCT	AGCTAGCTAT	TCAATGTCTC
69151	TCTAATCTGT	TGTGCTTTT	AAAGCCGAAG	TCTCCGGTCC	CTTGCTGTGT
69201	GGTGATCTCA	TGACACGTCT	GCCAGATGTC	ACCCACACAT	GGCCAGGGTG
69251	CCCAGCTGAC	TCTACTCTCC	TGTGTTTGCT	TACCAGTAGA	GTCTGTTTGT
69301	GCTTTTGCTT	CCTCTTACAT	GCAGGTAGCT	CCTGCCTTAC	TCTCTCTGCT
69351	TCTTCCCACG	ATGCTGTCTT	TTTAGATGGT	CGATTAGAGA	AGTCCCTGGG
69401	GGCTGTATGA	TGGGCCAGCG	AAGGATGGGA	ATTCAAGTCT	ACTTGAATTA

69451 GGTAAACTGA CAGATTTAGG GTCCTTAGGA TTAAGTCTGT GTCTGTTTCT
69501 CTTTAGTTCT CTTCAGGATT TAAAAACCAA AGCCAGTTCC TAACACCACA
69551 TTTCACACAT TTAACAAAAA AAAAAAATAA AAAACTTGTT TATTTAAACA
69601 ACCGTAGGCT CTTACTTGC TAGTTTATGC TCTATTGGGA AGGAAGAAAG
69651 ACAGCCCTTC TTTAGCTTGT TTGTTGCTGA GGGCAATCCT TGCACCTTCG
69701 GTTTGGTCTT CTTACTTCT TCTGCTGCC TGAAGATTT TCTCCAGTTT
69751 TCCCTCTATG TGGTTTCAGA GTAACTCACC TTACTTCGCA CTCAGCTTAA
69801 GGGACAGCTG TTGTTGGAGT CAGCCTCTAA AAGCCCCGTT TGTCCCAAT
69851 GCCTGACTAG CGGCTCAGCT GAAGCAGTCA TTGTGGTCTT CTACCCACC
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70101 GCCTCATCTC AGTGAGGAAC AGAGGGAAG GAGACTCAAG CCAGAGAGAG
70151 CCTTGGTGGC AGCTAAGAAA ATAACACCAG CTGCTCTCCT CTCTCTTTTC
70201 AGCCTAAGTT CTTTCCAGAG AGCCCCTCG CTGCGGCGAA ATAAGACACA
70251 TTTGCTAGTT AAATCATCAC AGGACTTCAT ATATTTTTC TACAGTGTCC
70301 CAGTTTCCAG TCATGTTAAG ATAAAAAGAT AGCCTTTTTC CCAAAATGGT
70351 TTTCCCTTCT GTTCTTTGGG CAGCCCTTTT CCTGTTCAGA TTGTGACTTT
70401 GTGTTGCTAT GATCTTTCTT AGTCTTTCAG GAAAACCCCT CCCATGTGTG
70451 TTTCTGCCCA GGGAAAGTTG TTTCCCACT TGACTTTCTG TACCCAGATG
70501 AACTGATGAA CTGCGTTCCC TTAGGTAGTA GACGGAATCG TGGGTTTGGT
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70651 CCTCTGCTTC CTCCTCCCTC ATTCCTACTG GAACCACTGT CAGAAAAGAT
70701 GCTTCAATTT ATTATTATTT AAGTATATG TAGGCACTAA TAGGTTTGGG
70751 CAAAGAAAAA GGGGTGAAGC CTCCTGCTGT TGATGAGGGG CTCTTCCGAG
70801 TCCTCTATTA GGTACCCAGG GCTCTCAAGA CTATGACCAG TTTATTCTTA
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71001 CCCTCTGCTC TCCGTCTTTC AGCTGCTGGG ATTACAGGTA TGTGCTGCTC
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71101 AAGTPTCTGA CCAAGTGAGC TACTTTCCCG GAAACTGGCA ATCATTTGCT
71151 TCAAAAATGT GTTCTCTTTC TATATTTGGG AGTGTTCAC TTTCTCTGGT
71201 GACCGGGCGC TTTCTGATTC AGCATCTTTC TCTCATCCGT TACAGTGTTA
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71301 TTTTAAATG ATATATTTTA TGTATGTGTG CATGTAATGT GTATGTACAC
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71451 GTGGGAGTTG GAAATTGAAT TCCGGTCCCT TGGAGAGCA GTAAAAGCTC
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71801 GATGGAACCT GTAGCGCCCA GCAATACTGC CCTACGACTA GAGTCTGTA
71851 CCTGTATGGA GACTATGGAA CACAACGCAG GGTATAGCT ATGAGTGACA
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71951 ACTGGCTTAG GCTTGTGCTG TGTACTGTCT TTCTGGACTC CTTGGGTGGT
72001 AGGACTTAGA GGTGAAGAGT GAGAGATGTG TGGCGGCGAG CGAGGAAGCA
72051 GGTGCCTGGG AGAGGAGTGG AGAGGCAGAC AAGATGTTCA AGTTTGTAC
72101 CGGGCTCAGA TTTGTCCCAG ATTTGTTCCT GATTAAATTT GAGCTCTGGG
72151 TCTGGAAGCT TTCTGTTTGA TACCAGCTTC CACTCTGGGC GAGCTGAGCC
72201 AACTCTGCCT TTTCAGGAAA GCAGGGAGCA GTGGCAGAGT GGGTGGCATT
72251 CTGAACTGGG AATGGGAAGA GACTATTTCT AGTGTCTTTG TCTTGGACCA
72301 AACGCCGAGC TTCTTAGAGG CTCAGATACT ACATGTGTAG AATGTAGAG
72351 TTGCAGTACT GATGCTTACA GTCACTCTCT TTCAGGAAGT TACCCTCACC
72401 TATGAGCACA TCAGGATGGG AGGAGACAGA GGGGCAAACT CTAATTTTTC
72451 TTGGGTGGTC TCAGATTGAC TTAAGTTTGA GCATAGATTT TTGCCCTCAT
72501 GCTATCATAG GCTCTGGCTT ATTTGGGGAA AGAGATTCTC TCTACCCTAA

72551	ATTTGTTTTTTT	CCCTTTTTCAC	AGTCAGAGTC	AGTAGACTGT	TTTTAGTATG
72601	GTAAGAGGAA	TTTTATGTGTG	TTTTCTGAGC	CATGAATCTT	TGGAGCCCTG
72651	GCCTGTATTCT	AGAGTATAGA	CTTGGGCTTT	TAGATCTCCG	CTGTGATGGA
72701	GGAGGCTCTG	ATGCTGGGAA	CCGAACGTGT	GCCCCGGCTC	TCTGCAAAAG
72751	AGCAGCAAGT	GCCTCTAGTC	ACCGAGCCAT	CTCTCCAGCC	CCTAACCAATC
72801	TTTTGTATT	GGTGGTCTAC	TCCCTGGCTC	CATCAACTGA	TACTTTTGTTT
72851	CTGGCCTCCT	TCCCAGCTGG	GACTATAGGT	ATACACCATC	CTATACCACT
72901	GATACCTTTGT	TTCTGGGCTC	CTGCCCAGCA	GAAACTATAG	GTATACACCC
72951	TCCGTGACCA	CTGATACCTT	GTTTCTGGCC	CTCTGCCAGT	CTGGGACTAT
73001	AGGTATACAC	CATCCTGTAC	CGTTCCTCCT	GGATCTGTCT	TAAAGCAGGG
73051	GTGCCCACTT	CTGCTCTTGA	CACCCACAAT	GGTTTGGTGT	CCCTTTGTTG
73101	CCAGCAAGAG	AGAATCAGGT	TGAAATTTAC	TTGCTAATCT	GATAGAGATG
73151	ACAGCTGGTA	GAGCCTTCGA	TGCTGTTTTT	TCACAGAGTA	AGTTCTTGCT
73201	TTGCAACTTG	ATGCAAAATG	AAGTTAGTCA	CCAGGAGTTG	TAAGCTTGGC
73251	TTTCTCTGGA	AGCTCACCTT	ATCTCCTTTC	TTTCTAATCT	ATCCACTCTA
73301	AGGCTGTCTG	TTAAGCCAGC	AGAAAATAGA	CTGATACAGC	AATCAGGGAG
73351	AGAATAGAGG	AATGCAGGCA	TCAGATCACT	TAGCCTGGCA	TAGTTTAAAG
73401	CTCCTGGTTG	AAGTCATGTT	GGGCAGGTTG	GAGAATTCAT	CATGTTTCAA
73451	GTGCGGAAT	AAGGCAGCAG	CGATTCCAAA	ACAGACCAAC	TCTTCAGTTT
73501	CCAAAGGAAA	TTAATCCTGT	CTTTCTACAG	TGTGAATAAT	TCAACACAAA
73551	TAAATTATAT	ACTCACTCAC	GTTCAGGAT	GTTCTCTTTA	CTTAAGCCAC
73601	CTATTACGCA	TTACCTCCCT	CCCTCTTTCT	TTCTTCCTCC	CTCCCTCCCT
73651	CCCTCCATCT	TTCTCCCTCC	CTCCCTCCCT	CCCTCCTTCC	CTCCCTCCCT
73701	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TCTCTCTCTC	TTCTCTCCAA
73751	GTTTCTTTTC	TTTTTTTAGA	TATGAGTTTC	ATGTGGCACA	GGCTAACCTT
73801	GAACATGTA	GCTGAGGCTG	GTCTTGAAT	CGTGATCTTT	TTCTTTTAA
73851	TTTCCTAAGC	ACTGGGATTA	TAGGCATCCT	TCACCATGCC	CACCTTTTTT
73901	TTTTTTTTTAA	ATCAGTTTTC	AACCAACATG	AGCTTTTTTA	GGTACATTTT
73951	AACATACATG	GCTTTTTTTG	TTTTAAATGA	TAAATTTGAT	GCTAACTAC
74001	GATTTTTTAA	TTGCTTTTGT	GAGGACTATA	TCTTAATTTT	CAACAACATG
74051	GTCTACACT	GCTTTTTTCT	ACAGAAGGCA	GCTGTGTATC	CAGAATTAACA
74101	AGCTGTGTCT	CAACAGTGAG	CCTCTACTGA	ATTTTTTAAAT	TGCTATGTCT
74151	GACAAACTAG	GACATGGAAA	TGTACTTACT	TTAAAGCAGA	ATTCAGGTTT
74201	TCCTTAGTGC	TACATCTCAG	GTTTTCCTATA	CTAACCTGTA	TGTAAATTTT
74251	CCACATGTTT	GATATCTCCT	CTCTTCGTAT	TATCTCTCTT	CACCTTGCTTA
74301	TTTAGTTAGA	TATTTTATCC	ATCTGCTTAT	TCACAGCTCA	GCCCAACAATA
74351	TTTATTAAAC	ATCTACTTAG	ATCATGCATA	AAACAGGGTC	GTAGGAAAGT
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74451	GGTCTCTGTG	ACATCTTTGA	GGGATGAGTT	GGGAGACGCC	AGGGCAATGG
74501	TTCTCAACTT	TCCTGTGACA	CTTTAATACA	GTCTCTCATG	TTGTGGCAAC
74551	TCCCAATCAT	AAAATTATTT	AGTTACTACT	ACTGTAAATTT	TGCTATTGTT
74601	ACAAATTGTA	ATGPAACAT	CTCTTTTTTT	TTTTGTATGGT	CTTAGGTGAT
74651	TCCTGTGGAA	GGATTGTTTG	ACCCCCACCC	CCACCATCTG	GTCAATCCCC
74701	ACAGTTTGAGA	ACCTCGCTCT	AAGGGATGCT	TAAAGTCAAG	GATGGTATAT
74751	ACTGTGTCTC	ATACACACAG	ACACACACAG	ACACACACAG	ACACACACAG
74801	ACACACACAG	ACACACACAC	ACACACACAG	ACACACACAC	ACACACACAC
74851	ACACACACAC	CTCTATAGGA	AGGCTTCACT	TATAAGTAGA	CACAGATAAG
74901	TAAACAAGGCA	AAGAATAACA	TAGAATTCAT	TATGCTATCT	TCAGATATTG
74951	GAGTTCACATA	CCTGACATTT	TCAGACCACT	TCGATTCGTA	GACCAATGAA
75001	ACTGAGGGAT	ACGAAGCCCTG	GGCCAAATGGG	AGTGCTGGAT	AATGCCTCTA
75051	AATCTGTAGG	TGTTAACCCA	TGCAGTCAAG	CAACATAAGT	AAAAGATATT
75101	TTTAGAAGGC	TGTGATGTTT	TGACCACACA	CAGGTAGTCT	CCCTCATTTG
75151	CTCCAGTCA	GTGTAACAGG	TGTTTGGTAT	AAACGTCGTT	TTGTTTACTT
75201	ATCGATACTC	AAATCACCCC	CCCCCCCCCG	GGCGCGCATG	CGCATGCGCA
75251	AGCTCAGCCT	GGTATTTTAA	TATGGCCCTTA	ACACAGTGCA	AGAGTCTGGG
75301	GCCACTCTCA	AATTTCCACA	TGGGCTAACG	CCCTCCCCCG	ATGCTCTGTA
75351	ATTATTACTT	ACTAAAATCT	AAATCCATC	TTGCTACCTT	AGACCCAAAT
75401	GAGGGACCTT	GGGTCGCTC	TTCCCCGGTC	TTTCGGGCGT	ATGCTCCGCT
75451	TCTCCAGCTC	TCAGGCTGTA	TTTTTCTGTT	TCCCTGGCAA	AGGATCTTAA
75501	ATCTGTCTCT	TTCCCCGGGT	TCCCTTGCCC	ATGAAATCTA	AAGTCCCAAC
75551	TCCGTCTCCT	CCCTAGCCAT	TAGCCACCTT	CACCTTTATT	TTCCAAATTAG
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